



**NEMO|etc.**

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ENGINEER

EVALUATE

TEST

CONSULT

**P.E. EVALUATION REPORT (PEER)**

**Tremco CPG, Inc.**

3735 Green Road  
Beachwood, OH 44122  
(800) 562-2728

PEER: T45530.06.13-R6  
FL16425-R6

Date of Issuance: 06/24/2013  
Revision 6: 03/27/2023

**SCOPE:**

This Evaluation Report is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the 7<sup>th</sup> Edition (2020) Florida Building Code [sections noted herein](#).

**DESCRIPTION: Tremco TPA Single Ply Roof Systems**

**LABELING:** Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

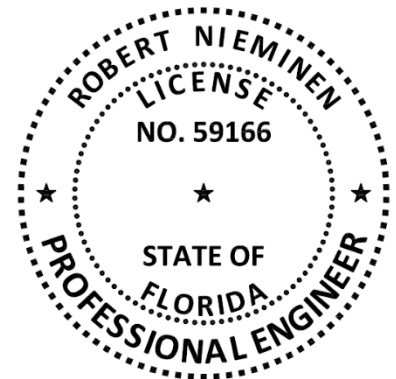
**CONTINUED COMPLIANCE:** This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our Evaluation Reports by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its Evaluation Report relative to updated Code requirements with each Code Cycle.

**ADVERTISEMENT:** The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

**INSPECTION:** Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 5, plus a 168-page Appendix.

**Prepared by:**



**CERTIFICATION OF INDEPENDENCE:**

1. NEMO ETC, LLC does not have, nor does it intend to acquire, or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

**ROOFING SYSTEMS EVALUATION:**
**1. SCOPE:**

**Product Category:** Roofing  
**Sub-Category:** Single Ply Roof Systems  
**Product Approval Method:** Method 1, Option D – Codified Material, Evaluation by Engineer  
**Compliance Statement:** Tremco TPA Single Ply Roof Systems, as produced by Tremco CPG, Inc., have demonstrated compliance with the following sections of the 7<sup>th</sup> Edition (2020) Florida Building Code through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

**2. STANDARDS:**

SECTION	PROPERTY	STANDARD	YEAR
1504.3.1	Wind resistance	FM 4474	2011
1504.6	Physical properties	ASTM G154	2012
1504.7	Impact resistance	FM 4470	2016
1507.10.2	Material standard	ASTM D4601	2012
1507.10.2	Material standard	ASTM D2178	2015
1507.11.2	Material standard	ASTM D6162	2015
1507.11.2	Material standard	ASTM D6163	2015
1507.11.2	Material standard	ASTM D6164	2011
1507.13.2	Material standard	ASTM D4434	2012

**3. REFERENCES:**

ENTITY	EXAMINATION	REFERENCE	DATE
NEMO (TST6049)	ASTM D4434/G154	4r-TRM-22-SSTHP-01.A	03/27/2023
ERD (TST6049)	Criticality testing	TRM-SC6910.05.16-1	05/10/2016
ERD (TST11294)	FM 4474	10820.04.16-3	04/18/2016
ERD (TST11294)	FM 4474	15770.09.17-1	09/20/2017
ERD (TST6049)	FM 4474	SFS-SC10010.02.16-R1	07/06/2016
FM Approvals (TST1867)	FM 4470/4474	3017177	01/09/2004
FM Approvals (TST1867)	FM 4470/4474	3019382	09/20/2004
FM Approvals (TST1867)	FM 4470/4474	3021358	11/19/2004
FM Approvals (TST1867)	FM 4470/4474	3021133	02/07/2006
FM Approvals (TST1867)	FM 4470/4474	3025170	02/07/2006
FM Approvals (TST1867)	FM 4470/4474	3033461	09/12/2008
FM Approvals (TST1867)	FM 4470/4474	3033461	09/16/2008
FM Approvals (TST1867)	FM 4470/4474	3034975	11/20/2008
FM Approvals (TST1867)	FM 4470/4474	3034167	11/23/2009
FM Approvals (TST1867)	FM 4470/4474	3041316	06/29/2011
FM Approvals (TST1867)	FM 4470/4474	3043137	12/01/2011
FM Approvals (TST1867)	FM 4470/4474	3045534	04/04/2012
FM Approvals (TST1867)	FM 4470/4474	3040922	06/13/2012
FM Approvals (TST1867)	FM 4470/4474	3055331	10/26/2015
FM Approvals (TST1867)	FM 4470/4474	RR221629	11/25/2019
NEMO (TST6049)	FM 4474	SC9625.11.15-1-R1	05/30/2013
NEMO (TST6049)	FM 4474	TRM-SC13350.05.18-2	05/21/2018
NEMO (TST6049)	FM 4474	TRM-SC13350.05.18-4	05/21/2018
NEMO (TST6049)	FM 4474	2a-SMN-19-LSWUS-03.A	03/09/2020
NEMO (TST6049)	Criticality testing	4i-TRM-19-SSCRT-07.A	03/10/2020
NEMO (TST6049)	Criticality testing	4i-TRM-19-SSCRT-06.A	05/27/2020
NEMO (TST6049)	FM 4474	4a-TRM-20-LSWUS-02.A	06/10/2020
NEMO (TST6049)	FM 4474	4a-TRM-20-LSWUS-04.A	11/25/2020
NEMO (TST6049)	FM 4474	4i-TRM-21-SSCRT-02.A	11/11/2021
NEMO (TST6049)	Criticality testing	4i-DAP-21-SSCRT-01.A.R1	03/03/2022
NEMO (TST6049)	FM 4474	4a-TRM-22-LSWUS-02.A	05/24/2022
NEMO (TST6049)	Criticality testing	4i-TRM-22-SSCRT-03.A	06/27/2022

ENTITY	EXAMINATION	REFERENCE	DATE
NEMO (TST6049)	Criticality testing	4i-TRM-22-SSCRT-01.A	07/26/2022
NEMO (TST6049)	Criticality testing	4i-TRM-22-SSCRT-02.A	09/01/2022
NEMO (TST6049)	Criticality testing	4i-TRM-22-SSCRT-04.A	10/12/2022
NEMO (TST11294)	FM 4474	2a-TRM-20-LSWUS-02.A	08/25/2020
NEMO (TST11294)	FM 4474	2a-TRM-21-LSWUS-01.A	01/18/2022
NEMO (TST11294)	FM 4474	2a-TRM-22-LSWUS-01.A	08/09/2022
NEMO	PEER	11425.04.16-2-R16	05/30/2022
NEMO	PEER	01831.02.04-R13	08/12/2022
NEMO	Traceability	TRFM-0020-JM	02/28/2023
NEMO	Data Release	NE-FRM-0025-CLY	03/01/2023
NEMO	Data Release	NE-FRM-0025-ATL	03/02/2022
NEMO	Traceability	TRFM-0020-HSP	03/02/2023
NEMO	Traceability	TRFM-0020-ASH	03/27/2023
UL LLC (QUA9625)	Traceability	R12094	06/20/2007
UL LLC (QUA9625)	Traceability	R13504	06/20/2007
UL LLC (QUA9625)	Traceability	L14A, MLA	12/27/2022
UL LLC (QUA9625)	Quality Control	Service Confirmation	06/02/2022
UL LLC (QUA9625)	Quality Control	Florida BCIS	Current

#### 4. PRODUCT DESCRIPTION:

This Evaluation Report covers **Tremco TPA Single Ply Roof Systems** installed in accordance with **Tremco CPG, Inc.** published installation instructions and the [Limitations of Use](#) herein.

**TABLE 1: EVALUATED MEMBRANES**

TYPE	PRODUCT		MATERIAL STANDARD			PLANT(S)
			REFERENCE	TYPE	GRADE	
ROOF COVER	TPA	45, 60, 80-mil	ASTM D4434	III	N/A	RI
ROOF COVER OR CAP PLY	TPA Fleece Back	45, 60, 80-mil	ASTM D4434	III	N/A	RI
BASE PLY, PLY OR VAPOR BARRIER	BURmastic Composite Ply HT		ASTM D4601	II	N/A	OH
	BURmastic Composite Ply Premium		ASTM D4601	II	N/A	OH
	THERMglass Type IV		ASTM D2178	IV	N/A	OK
	THERMglass Premium VI		ASTM D2178	VI	N/A	OK
	POWERply 300 Smooth		ASTM D6162	III	S	OH
	POWERply Endure 300 Smooth		ASTM D6162	III	S	OH
	POWERply Endure 320 Smooth		ASTM D6162	III	S	OH
	POWERply Standard Smooth		ASTM D6163	I	S	OH
	POWERply Standard Smooth HW		ASTM D6163	I	S	GA
	POWERply Endure 100 Smooth		ASTM D6163	III	S	OH
	POWERply Heavy Duty Base Sheet		ASTM D6163	III	S	OH
	POWERply 2PM		ASTM D6164	I	S	OH
POWERply Endure 200 Smooth		ASTM D6164	I	S	OH	

## 5. LIMITATIONS:

- 5.1 This is a Building Code Evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (i.e., Broward and Miami-Dade Counties).
- 5.3 This Evaluation Report pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This Evaluation Report does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 This Evaluation Report does not include evaluation of roof edge termination. Refer to **FBC 1504.5** for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC 1511** for requirements and limitations regarding recover installations.
- 5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with [ANSI/SPRI FX-1](#) or [Testing Application Standard TAS 105](#).
- 5.6.2 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with [ANSI/SPRI IA-1](#), [ASTM E907](#), [FM Loss Prevention Data Sheet 1-52](#) or [Testing Application Standard TAS 124](#) shall be conducted on mock-ups of the proposed new roof assembly.
- 5.6.3 For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [ASTM E907](#), [FM Loss Prevention Data Sheet 1-52](#) or [Testing Application Standard TAS 124](#).
- 5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.
- 5.7.1 “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **FBC 1504.9** has already been applied). Refer to **FBC 1609** for determination of design wind loads.
- 5.7.2 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC Chapter 16**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are [ANSI/SPRI WD1](#), [FM Loss Prevention Data Sheet 1-29](#), [Roofing Application Standard RAS 117](#) and [Roofing Application Standard RAS 137](#). Assemblies marked with an asterisk\* carry the limitations set forth in **Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29** for Zone 2/3 enhancements.
- 5.7.3 For assemblies with all components fully bonded in place, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with **FBC Chapter 16**. No rational analysis is permitted for these systems.
- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on [Page 1](#) of this Evaluation Report.

**6. INSTALLATION:**

**Tremco TPA Single Ply Roof Systems** shall be installed in accordance with **Tremco CPG, Inc.** published installation instructions, subject to the [Limitations of Use](#) noted herein.

**7. BUILDING PERMIT REQUIREMENTS:**

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

**8. MANUFACTURING PLANTS:**

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

**9. QUALITY ASSURANCE ENTITY:**

[UL \(QUA9625\)](#): (360) 817-5512; [bsai.inspections@ul.com](mailto:bsai.inspections@ul.com)

**- THE 168-PAGES THAT FOLLOW FORM PART OF THIS EVALUATION REPORT -**

**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
<a href="#">1A</a>	Wood	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	6
<a href="#">1B</a>	Wood	New, Reroof (Tear-Off), Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	16
<a href="#">1C</a>	Wood	New, Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	20
<a href="#">1D</a>	Wood	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation(s), Bonded Roof Cover	26
<a href="#">1E</a>	Wood	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	29
<a href="#">1F</a>	Wood	New, Reroof (Tear-Off), Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	34
<a href="#">1G</a>	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover	36
<a href="#">1H</a>	Wood	New, Reroof (Tear-Off), Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover	36
<a href="#">2A</a>	Steel	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	37
<a href="#">2B</a>	Steel	New, Reroof (Tear-Off)	A-3	Bonded Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	54
<a href="#">2C</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	62
<a href="#">2D</a>	Steel	New, Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	81
<a href="#">2E</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	124
<a href="#">2F</a>	Steel or Structural concrete	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	133
<a href="#">2G</a>	Steel	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover	133
<a href="#">3A</a>	Structural concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	135
<a href="#">3B</a>	Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover	144
<a href="#">3C</a>	Structural concrete	New, Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	145
<a href="#">4A</a>	Lightweight Concrete / Concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	146
<a href="#">5A</a>	Cementitious Wood Fiber	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	151
<a href="#">5B</a>	Cementitious Wood Fiber	Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	154
<a href="#">6A</a>	Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	156
<a href="#">6B</a>	Gypsum	Reroof (Tear-Off)	C-1	Mechanically Attached Insulation, Bonded Roof Cover	160
<a href="#">7A</a>	Various	Recover	A-1	Bonded Insulation(s), Bonded Roof Cover	162
<a href="#">7B</a>	Steel	Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	168

**The following notes apply to the systems outlined herein:**

- The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- Unless otherwise noted, fasteners and stress plates shall be as follows. Fastener shall be of sufficient length for the following engagements:

FASTENER/PLATE OPTIONS				
DECK TYPE	By	FBC	PARTS	MINIMUM ENGAGEMENT
Wood	Tremco CPG	N/A	Tremco #12 DP or Tremco #14 HD with Tremco 3" Metal Insulation Plate or Tremco #1211 Fastener or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	Minimum ¾-inch plywood penetration or wood plank embedment
	Altenloh, Brinck and Co. U.S., Inc.	FL4500	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	
	OMG, Inc.	FL699	OMG #12 Standard or OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate	

FASTENER/PLATE OPTIONS				
DECK TYPE	By	FBC	PARTS	MINIMUM ENGAGEMENT
Steel	Tremco CPG	N/A	Tremco #12 DP or Tremco #14 HD with Tremco 3" Metal Insulation Plate or Tremco #1211 Fastener or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	Minimum ¾-inch steel penetration and engage the top flute of the steel deck
	Altenloh, Brinck and Co. U.S., Inc.	FL4500	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	
	OMG, Inc.	FL699	OMG #12 Standard or OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate	
Structural Concrete	Tremco CPG	N/A	Tremco #14 HD with Tremco 3" Metal Insulation Plate or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	Minimum 1-inch embedment. Fastener installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions
	Altenloh, Brinck and Co. U.S., Inc.	FL4500	Trufast #14 HD with Trufast 3" Metal Insulation Plate	
	OMG, Inc.	FL699	OMG #14 Heavy Duty or CD-10 with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate	

- Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- Minimum 200 psi, minimum 2-inch thick FBC Approved lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components.
- Preliminary insulation attachment: Unless otherwise noted, use FBC Approved roofing fasteners and plates and refer to Section 2.2.10.1.3 of [FM Loss Prevention Data Sheet 1-29](#).
- Unless otherwise noted, insulation adhesive application rates are as follows.  
 Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.  
 If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer.  
 When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.  
 The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

INSULATION ADHESIVE REFERENCES				
By	ADHESIVE	REFERENCE	MINIMUM RATE	NOTE
Tremco CPG	Tremco Low Rise Foam Insulation Adhesive	LRFIA	Continuous ribbons, 12-inch o.c.	<i>Refer to Note 17 for allowable alternates</i>
	Tremco Low Rise Foam Insulation Adhesive (BG)	LRFIA(BG)	Continuous ribbons, 12-inch o.c.	
	Tremco PSF Adhesive	PSFA	Continuous ribbons, 12-inch o.c.	
Generic	Hot asphalt		Full coverage at 25-30 lbs/square	

- Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.

MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS				
ADHESIVE	INSULATION		MIN. TAPERED THICKNESS (IN)	MDP (psf)
	LISTED PRODUCT	FBC		
LRFIA or LRFIA(BG)	Any polyisocyanurate listed with adhesive herein	Various	0.5	-157.5

- For adhered roof insulation and board-size: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet 1-29](#).



- 9 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC Chapter 16. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are [ANSI/SPRI WD1](#), [FM Loss Prevention Data Sheet 1-29](#), [Roofing Application Standard RAS 117](#) and [Roofing Application Standard RAS 137](#). Assemblies marked with an asterisk\* carry the limitations set forth in Section 2.2.10.1 of [FM Loss Prevention Data Sheet 1-29](#) for Zone 2/3 enhancements.
- 10 For assemblies with all components fully bonded, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16. No rational analysis is permitted for these systems.
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing and analysis shall be in accordance with [ANSI/SPRI FX-1](#) or [Testing Application Standard TAS 105](#).
- 12 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing shall be conducted on mock-ups of the proposed new roof assembly. For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing. Field uplift testing shall be in accordance with ASTM E907, [FM Loss Prevention Data Sheet 1-52](#) or [Testing Application Standard TAS 124](#).
- 13 Refer to FBC 1511 for requirements and limitations regarding recover installations. For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional and for System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation ([Note 5](#)). The separator component shall be documented as meeting FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC Section 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC Product Approval for specific deck construction and limitations. Unless otherwise noted, for systems where specific LWIC is not referenced, the minimum design mix shall be 300 psi. In all cases, the minimum top-coat thickness is 2-inches. For LWIC over structural concrete, reference is made to FBC Section 1917.4.1, Point 1. For “pre-existent” LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.
- 15 For bonded membrane applications, unless otherwise noted, refer to the following.

MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
BB1-TPABA	Roof Cover:	TPA	TPA Bonding Adhesive	Contact (both sides)	0.83 gal/square per surface (1.66 gal/square finish)
BB2-TPALV	Roof Cover:	TPA	TPA LV Single Ply Bonding Adhesive	Contact (both sides)	0.83 gal/square per surface (1.66 gal/square finish)
FB1-HA	Cap Ply:	TPA Fleece Back	Hot asphalt	Wet lay (substrate)	25 lbs/square
FB2-THERM	Cap Ply:	TPA Fleece Back	THERMastic or THERMastic 80	Wet lay (substrate)	25 lbs/square
FB3-TPABA	Cap Ply:	TPA Fleece Back	TPA Bonding Adhesive	Wet lay (substrate)	1 gal/square
FB4-FBWB	Cap Ply:	TPA Fleece Back	Tremco Fleece Backed WB Single Ply Bonding Adhesive	Wet lay (substrate)	1 gal/square
FB5-TLRA	Cap Ply:	TPA Fleece Back	Tremco LR Adhesive (T-LRA)	Wet lay (substrate)	1-inch wide ribbons spaced as noted in tables herein.
FB6-PEBATF	Cap Ply:	TPA Fleece Back	POWERply Endure BIO Adhesive TF	Wet lay	2.0 to 3.0 gal/square
FB7-PSFA	Cap Ply:	TPA Fleece Back	Tremco PSF Adhesive	Wet lay	Spatter-application
BP-CA5	Base Ply or Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	POWERply Endure BIO Adhesive TF	Wet lay (substrate)	2.0 gal/square
SBS-CA5	Base Ply or Ply:	One or two POWERply 300 Smooth, POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			



MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
BP-CA6	Base Ply or Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	BURmastic Adhesive MC	Wet lay (substrate)	2.0 gal/square
SBS-CA6	Base Ply or Ply:	POWERply 300 Smooth, POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			
BP-AA	Base Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	Hot asphalt	Wet lay (substrate)	25 lbs/square
	Ply:	One or more THERMglass Type IV, THERMglass Premium VI			
SBS-AA	Base Ply or Ply:	One or two POWERply 300 Smooth, POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			
BP-SEBS	Base Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	THERMastic 80	Wet lay (substrate)	25 lbs/square
	Ply:	One or more THERMglass Type IV, THERMglass Premium VI			
SBS-SEBS	Base Ply or Ply:	One or two POWERply 300 Smooth, POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			
SBS-TA	Base Ply:	One or two POWERply Standard Smooth HW	torch-applied	torch-applied	full-bond

- 15A For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes.
- 15B For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates.
- 15C For Base Ply applications BP-CA5 and BP-CA6, substrates of Structodek HD with Primed Red Coating, DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board and SECUROCK Gypsum-Fiber Roof Board may be primed with DETEC "TruGround Conductive Primer" prior to Base Ply installation.
- 16 Vapor barrier options for use over structural concrete deck followed by bonded insulation carry the following MDP limitations. The lesser of the MDP listings below vs. that of the selected assembly applies.

VAPOR BARRIER OPTIONS; STRUCTURAL CONCRETE DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		ADHESIVE PER TABLE 3A (NOTES 6,7,8)	MDP (PSF)
		TYPE	APPLICATION		
C-VB-1.	Tremco AVC Membrane Primer	Tremco AVC Membrane	Self-adhering	LRFIA or LRFIA(BG), 12-inch o.c.	-150.0
C-VB-2.	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Self-adhering	LRFIA or LRFIA(BG), 12-inch o.c.	-150.0
C-VB-3.	TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal/square	LRFIA(BG), 12-inch o.c.	-180.0
C-VB-4.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal/square	LRFIA(BG), 12-inch o.c.	-182.5
C-VB-5.	TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal/square	LRFIA, 12-inch o.c.	-202.5
C-VB-6.	ASTM D41	THERMglas IV, THERMglas Premium VI	hot asphalt	hot asphalt	-225.0
C-VB-7.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive MC at 2 gal/square	LRFIA or LRFIA(BG), 12-inch o.c.	-250.0
C-VB-8.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	POWERply Endure BIO Adhesive TF at 2 gal/square	LRFIA or LRFIA(BG), 12-inch o.c.	-262.5
C-VB-9.	None	POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Endure 200 Smooth	POWERply Endure BIO Adhesive TF at 2 gal/sq.	LRFIA or LRFIA(BG), 12-inch o.c.	-292.5

VAPOR BARRIER OPTIONS; STRUCTURAL CONCRETE DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		ADHESIVE PER <a href="#">TABLE 3A</a> (NOTES 6,7,8)	MDP (PSF)
		TYPE	APPLICATION		
C-VB-10.	TREMprime WB Primer	POWERply Standard Smooth HW	Torch-applied	LRFIA or LRFIA(BG), 12-inch o.c.	-345.0

17 For System Types B-1, B-2, C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or AVC Max may be installed atop the roof deck prior to installation of the insulation and roof cover. Refer to FM Loss Prevention Data Sheet 1-29 for design and installation recommendations and limitations.

18 The following products are interchangeable within the scope of this Evaluation Report:

ACCEPTABLE ALTERNATES				
SUB-CATEGORY	BY	LISTED PRODUCT HEREIN	ALTERNATE	
			PRODUCT	FBC
ADHESIVES	Tremco CPG	Tremco Low Rise Foam Insulation Adhesive	Tremco Low Rise Green Foam Insulation Adhesive	N/A
			Millennium One Step Foamable Adhesive	FL1800
			Millennium One Step Green Foamable Adhesive	
		Tremco Low Rise Foam Insulation Adhesive (BG)	Millennium PG-1 Pump Grade Adhesive	FL1800
		Tremco LR Adhesive	Tremco LR Adhesive	
ROOFING INSULATION	Tremco CPG	Trisotech G	ACFoam II	FL17989
		Trisotech CGF	ACFoam III	
		Trisotech	ENRGY 3	FL4205
	Georgia-Pacific Gypsum	DensDeck Prime	DensDeck StormX Prime Roof Board	FL1250
ROOFING FASTENER	Tremco CPG	Tremco #12 DP Fastener	Trufast #12 DP	FL4500
		Tremco #14 HD Fastener	Trufast #14 HD	
		Tremco #15 EHD Fastener	Trufast #15 EHD	
		Tremco Twin Loc-Nail Assembled Fastener	Trufast Twin Loc-Nail Assembled Fastener	
		Tremco 2.4" Barbed Seam Plate	Trufast 2.4" Scoop Seam Plate	
		Tremco 3" Metal Insulation Plate	Trufast 3" Metal Insulation Plate	FL699
		Tremco #1211 Fastener	OMG #12 Standard	
		Tremco #1410 Fastener	OMG #14 Heavy Duty	
		Tremco #1510 XHD Fastener	OMG XHD Fastener	
		Tremco Disc 3 in. Steel Stress Plate	OMG 3 in. Galvalume Steel Plate	
Tremco Disc Ribbed 3 in. Steel Stress Plate	OMG 3 in. Ribbed Galvalume Plate			

19 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC 1609 for determination of design wind loads. ([Notes 9 and 10](#))

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>									
W-1.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-60.0
W-2.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-67.5
W-3.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-75.0
W-4.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-97.5
W-5.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	BB1-TPABA	-112.5
W-6.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	None	None	BB1-TPABA	-60.0
W-7.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-67.5
W-8.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-75.0
W-9.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-97.5
W-10.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	BB1-TPABA	-112.5
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>									

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(s), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-11.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
W-12.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
W-13.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
W-14.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
W-15.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
W-16.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
W-17.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
W-18.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
W-19.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-20.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>									
W-21.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-22.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
W-23.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0
W-24.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
W-25.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5
W-26.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-27.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
W-28.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-29.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
W-30.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>									
W-31.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
W-32.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
W-33.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
W-34.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
W-35.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
W-36.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
W-37.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-38.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
W-39.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
W-40.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
W-41.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-42.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-43.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-44.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
W-45.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-46.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5



**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(s), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-47.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-48.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-49.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0*
W-50.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-51.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
W-52.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-53.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-54.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(s), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-55.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-56.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-57.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
W-58.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-59.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5
W-60.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-61.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-62.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-63.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FBS-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(s), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-64.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-65.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>									
W-66.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-60.0
W-67.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-67.5
W-68.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-75.0
W-69.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-97.5
W-70.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-112.5
W-71.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(s), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-72.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-73.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
W-74.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
W-75.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
W-76.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
W-77.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-60.0
W-78.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-67.5
W-79.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-75.0
W-80.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)	
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply		
W-81.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None		N/A	None	None	FB6-PEBATF	-112.5
W-82.	Min. 15/32-inch plywood at max. 24-inch span	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC		PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
W-83.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime		<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-84.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
W-85.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
W-86.	Min. 15/32-inch plywood at max. 24-inch span	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
W-87.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None		N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5

**TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Base Insulation			Top Insulation Layer (s)		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>										
W-88.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-60.0
W-89.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-82.5
W-90.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-60.0
W-91.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-82.5
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>										
W-92.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
W-93.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
W-94.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
W-95.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
W-96.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0

**TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-97.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>										
W-98.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-99.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-82.5
W-100.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-101.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-82.5
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>										
W-102.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
W-103.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
W-104.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-105.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



**TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-106.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
W-107.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-108.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-109.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
W-110.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
W-111.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
W-112.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-113.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-114.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
W-115.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-116.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-117.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>										
W-118.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
W-119.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-120.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
W-121.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
W-122.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-123.	Min. 19/32-inch CDX plywood; 24" span	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5

**TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>											
W-124.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*
W-125.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*
W-126.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-90.0
W-127.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-45.0*
W-128.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-45.0*
W-129.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-90.0
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>											

**TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier			Vapor Barrier <a href="#">(Note 15)</a>	Insulation Layer(s)		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach		Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-130.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-131.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-132.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
W-133.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-134.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-135.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0

**TPA FLEECE BACK IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:**

**TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier			Vapor Barrier <a href="#">(Note 15)</a>	Insulation Layer(s)		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach		Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-136.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*
W-137.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*
W-138.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0
W-139.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*
W-140.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*
W-141.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0

**TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):**



**TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s) Type	Attach (Notes 6,7,8)	Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach				Base Ply	Ply	Cap Ply	
W-142.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
W-143.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
W-144.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
W-145.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-146.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-147.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0

**TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**

**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s) Type	Attach (Notes 6,7,8)	Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach				Base Ply	Ply	Cap Ply	
W-148.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
W-149.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
W-150.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
W-151.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-152.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-153.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0

TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:



**TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier			Vapor Barrier <a href="#">(Note 15)</a>	Insulation Layer(s)		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach		Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-154.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
W-155.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
W-156.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0
W-157.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-158.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-159.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0

TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)												
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER												
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)	
		Type	Fastener (Note 2, Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
W-160.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-161.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-162.	Min. 15/32-inch CDX plywood; 24" span	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 6-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0

TABLE 1d: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)													
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER													
System No.	Deck (Note 1)	Anchor Sheet			Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>													
W-163.	Min. 15/32-inch plywood or OSB at max. 24-inch span	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS, BP-CA5, SBS-CA5, BP-CA6, SBS-CA6 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	BB1-TPABA	-45.0*
W-164.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	BB1-TPABA	-97.5
		<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>											

**TABLE 1D: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Anchor Sheet			Vapor Barrier ( <a href="#">Note 15</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fasten ( <a href="#">Note 11</a> )	Attach		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
W-165.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	BB1-TPABA	-127.5
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (<a href="#">Note 11</a>) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>												
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC:</b>													
W-166.	Min. 15/32-inch plywood or OSB at max. 24-inch span	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS, BP-CA6, SBS-CA6 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-167.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (<a href="#">Note 11</a>) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>												
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>													
W-168.	Min. 15/32-inch plywood or OSB at max. 24-inch span	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS, BP-CA5, SBS-CA5, BP-CA6, SBS-CA6 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-45.0*
W-169.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (<a href="#">Note 11</a>) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>												

**TABLE 1D: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Anchor Sheet			Vapor Barrier <a href="#">(Note 15)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fasten <a href="#">(Note 11)</a>	Attach		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
W-170.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	FB7-PSFA, spatter	-127.5
	<i>Note:</i> *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.												
W-171.	Min. 15/32-inch plywood or OSB at max. 24-inch span	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5, SBS-CA5 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-172.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-127.5
	<i>Note:</i> *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.												
W-173.	Min. 15/32-inch plywood or OSB at max. 24-inch span	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS, BP-CA6, SBS-CA6 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-174.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
	<i>Note:</i> *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.												
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>													
W-175.	Min. 15/32-inch plywood or OSB at max. 24-inch span	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5, SBS-CA5 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	None	None	FB6-PEBATF	-45.0*

**TABLE 1D: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Anchor Sheet			Vapor Barrier (Note 15)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-176.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-127.5
	Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.												
W-177.	Min. 15/32-inch plywood or OSB at max. 24-inch span	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5, SBS-CA5 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-178.	Min. 7/16-inch APA rated OSB at max. 24" span & blocked 48" o.c.; #10 screws, 6" o.c.	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
	Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.												

**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 2, Note 11)	Attach	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>									
W-179.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-30.0*
W-180.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft <sup>2</sup>	None	None	BB1-TPABA	-37.5*
W-181.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
W-182.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
W-183.	Min. 23/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
W-184.	Min. 23/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
<b>TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:</b>									

**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 2, Note 11)	Attach	Base Ply	Ply	Cap Ply	
W-185.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-30.0*
W-186.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft <sup>2</sup>	None	None	BB2-TPALV	-37.5*
W-187.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
W-188.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
W-189.	Min. 23/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
W-190.	Min. 23/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G or Trisotech	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>									
W-191.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0*
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-192.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5*
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 300 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-193.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft <sup>2</sup> (11 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5*
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 218 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-194.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft <sup>2</sup> (15 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (Note 11) shall yield minimum 192 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-195.	Min. 23/32-inch plywood	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB1-HA	-45.0*
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE:</b>									
W-196.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-30.0*



**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation <a href="#">(Note 3, Note 13)</a>	Top Insulation			Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach	Base Ply	Ply	Cap Ply	
W-197.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft <sup>2</sup>	None	None	FB3-TPABA	-37.5*
W-198.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
W-199.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
W-200.	Min. 23/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
<b>TPA FLEECE BACK IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>									
W-201.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-30.0*
W-202.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
W-203.	Min. 23/32-inch plywood	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
W-204.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
W-205.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
W-206.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #1211 Fastener or #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 1.8 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
W-207.	Min. 23/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
W-208.	Min. 23/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>									
W-209.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*
W-210.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
W-211.	Min. 23/32-inch plywood	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-212.	Min. 23/32-inch plywood	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*



**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation <a href="#">(Note 3, Note 13)</a>	Top Insulation			Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach	Base Ply	Ply	Cap Ply	
W-213.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>							
W-214.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 300 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>							
W-215.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft <sup>2</sup> (11 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 218 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>							
W-216.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft <sup>2</sup> (15 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 192 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>							
W-217.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>							
W-218.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 300 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>							
W-219.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft <sup>2</sup> (11 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>							

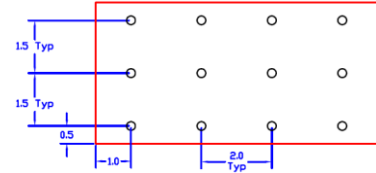
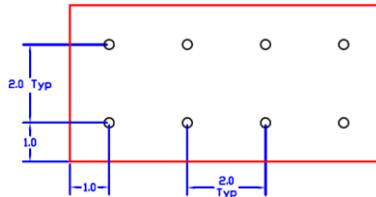
**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation <a href="#">(Note 3, Note 13)</a>	Top Insulation			Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach	Base Ply	Ply	Cap Ply	
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 218 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.							
W-220.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft <sup>2</sup> (15 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 192 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.							
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>									
W-221.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0*
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.							
W-222.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 3/4-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft <sup>2</sup> (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5*
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 300 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.							
W-223.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft <sup>2</sup> (11 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5*
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 218 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.							
W-224.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft <sup>2</sup> (15 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing <a href="#">(Note 11)</a> shall yield minimum 192 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.							

**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (Note 1)	Slip Sheet (Optional)	Thermal Barrier and/or Insulation Layer (Note 3, Note 13)	Attachment		Roof Cover (Note 15B)	MDP (psf)
				Fastener (Note 11)	Density / Pattern		
<b>SFS isowELD®:</b>							
W-225.	Min. 15/32-inch plywood	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate		Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-37.5
W-226.	Min. 15/32-inch plywood	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate		Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0*
W-227.	Code minimum plywood or OSB	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate installed through to engage wood structural members, minimum 1-inch embedment. ( <i>Field W/D ≥ 585 lbf</i> )	Fastener spaced max. 18-inch o.c. in staggered rows spaced max. 24-inch o.c. along wood structural members	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-97.5
<b>OMG RHINO BOND:</b>							
W-228.	Min. 15/32-inch plywood	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #1510 XHD Fastener with OMG RHINO BOND Insulation Plate (PVC)		Min. 80-mil Tremco TPA induction-welded with OMG RHINO BOND tool.	-37.5
W-229.	Min. 15/32-inch plywood	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #1510 XHD Fastener with OMG RHINO BOND Insulation Plate (PVC)		Min. 80-mil Tremco TPA induction-welded with OMG RHINO BOND tool.	-45.0*

**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (Note 1)	Slip Sheet (Optional)	Thermal Barrier and/or Insulation Layer (Note 3, Note 13)	Attachment		Roof Cover (Note 15B)	MDP (psf)
				Fastener (Note 11)	Density / Pattern		
<b>TRUFast PVC IW PLATES:</b>							
W-230.	Min. 15/32-inch plywood	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #15 EHD Fastener with Trufast PVC IW Plate	<p align="center">1 per 2.7 ft<sup>2</sup></p> 	Min. 80-mil Tremco TPA induction-welded with Trufast Induction Welding Tool.	-37.5
W-231.	Min. 15/32-inch plywood	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #15 EHD Fastener with Trufast PVC IW Plate	<p align="center">1 per 4.0 ft<sup>2</sup> / 2 x 2 ft grid</p> 	Min. 80-mil Tremco TPA induction-welded with Trufast Induction Welding Tool.	-45.0*

**TABLE 1G: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Insulation Layer <a href="#">(Note 3, Note 13)</a>		Roof Cover						MDP <a href="#">(psf)</a>
		Type	Attach <a href="#">(Note 5)</a>	Membrane	Fastener <a href="#">(Note 11)</a>	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
W-232.	Min. 23/32-inch plywood or wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in Eyehook Seam Plate	18	5	73	1.5	-30.0
W-233.	Min. 23/32-inch plywood or wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate	6	6	72	2	-45.0
W-234.	Min. 23/32-inch plywood or wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in Eyehook Seam Plate	12	5	73	1.5	-45.0
W-235.	Min. 23/32-inch plywood or wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate applied <u>through the roof cover</u> . A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0

**TABLE 1H: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE E-1: NON-INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier <a href="#">(Note 3, Note 13)</a>		Roof Cover						MDP <a href="#">(psf)</a>
		Type	Attach <a href="#">(Note 5)</a>	Membrane	Fastener <a href="#">(Note 11)</a>	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
W-236.	Min. 23/32-inch APA rated, CDX plywood or wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate	18	5	73	1.5	-22.5
W-237.	Min. 19/32-inch APA rated, CDX plywood or wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate	9	6	72	1.5	-37.5
W-238.	Min. 19/32-inch APA rated, CDX plywood or wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate	6	6	72	1.5	-45.0
W-239.	Min. 23/32-inch APA rated, CDX plywood or wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate	6	6	72	2	-45.0
W-240.	Min. 23/32-inch APA rated, CDX plywood or wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate applied <u>through the roof cover</u> . A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Primer	Vapor Barrier	Base Insulation (Note 3)		Top Insulation		Roof Cover (Note 15)			MDP (psf)
				Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>											
S-1.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 12-inch o.c.	None	None	BB1-TPABA	-60.0
S-2.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-60.0
S-3.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-75.0
S-4.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	BB1-TPABA	-82.5*
S-5.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-90.0*
S-6.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 6-inch o.c.	None	None	BB1-TPABA	-97.5
S-7.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-97.5
S-8.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	BB1-TPABA	-112.5
S-9.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-60.0

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-10.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-75.0
S-11.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	BB1-TPABA	-82.5*
S-12.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-90.0*
S-13.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-97.5
S-14.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	BB1-TPABA	-112.5
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>											
S-15.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-16.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-17.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-18.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
S-19.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
S-20.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0*
S-21.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
S-22.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
S-23.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-24.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-25.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-26.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0*
S-27.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
S-28.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>											
S-29.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
S-30.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
S-31.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0
S-32.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	FB3-TPABA or FB4-FBWB	-82.5*
S-33.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0*

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-34.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
S-35.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
S-36.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5
S-37.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
S-38.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0
S-39.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	FB3-TPABA or FB4-FBWB	-82.5*
S-40.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0*
S-41.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
S-42.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime, min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5

TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-43.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
S-44.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
S-45.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
S-46.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5*
S-47.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0*
S-48.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
S-49.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-50.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
S-51.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0
S-52.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-53.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-54.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-55.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-56.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-57.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-58.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-59.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-60.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-61.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DEXcell FA Glass Mat Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-62.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0*
S-63.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-64.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-65.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-66.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*
S-67.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-68.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-69.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-70.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Primer	Vapor Barrier	Base Insulation (Note 3)		Top Insulation		Roof Cover (Note 15)			MDP (psf)
				Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-71.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
S-72.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c. (every deck flange)	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5*
S-73.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0*
S-74.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
S-75.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
S-76.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0
S-77.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Primer	Vapor Barrier	Base Insulation (Note 3)		Top Insulation		Roof Cover (Note 15)			MDP (psf)
				Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-78.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-79.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-80.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*
S-81.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-82.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-83.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-84.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DEXcell FA Glass Mat Roof Board	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-85.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-86.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-87.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*
S-88.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-89.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>											
S-90.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-91.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-60.0

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-92.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-75.0
S-93.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	FB6-PEBATF	-82.5*
S-94.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s): (Optional)</u> Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-95.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0*
S-96.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s): (Optional)</u> Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime	LRFIA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-97.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s): (Optional)</u> Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-98.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s): (Optional)</u> Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime	LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-99.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s): (Optional)</u> Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-97.5

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Primer	Vapor Barrier	Base Insulation (Note 3)		Top Insulation		Roof Cover (Note 15)			MDP (psf)
				Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-100.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB6-PEBATF	-112.5
S-101.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB6-PEBATF	-127.5
S-102.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-103.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-104.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-105.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-106.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
S-107.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5*



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Primer	Vapor Barrier	Base Insulation <a href="#">(Note 3)</a>		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
				Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-108.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.25-inch DensDeck or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-109.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0*
S-110.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-111.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-112.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-113.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-114.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
S-115.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Primer	Vapor Barrier	Base Insulation (Note 3)		Top Insulation		Roof Cover (Note 15)			MDP (psf)
				Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-116.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-117.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-75.0
S-118.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	FB6-PEBATF	-82.5*
S-119.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.25-inch DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-120.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-90.0*
S-121.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-122.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c. (every other deck flange)	<u>None</u>	N/A	None	None	FB6-PEBATF	-112.5
S-123.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	<u>None</u>	N/A	None	None	FB6-PEBATF	-127.5
S-124.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-125.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0

**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Primer	Vapor Barrier	Base Insulation (Note 3)		Top Insulation		Roof Cover (Note 15)			MDP (psf)
				Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-126.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-127.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
S-128.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c. (every deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5*
S-129.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DensDeck or DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-130.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0*
S-131.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-132.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
S-133.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5

**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>											
S-134.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	BB1-TPABA	-52.5
S-135.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-136.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-137.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-52.5
S-138.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-139.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>											
S-140.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5

**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-141.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-142.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-143.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-144.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-145.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-146.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-147.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5

**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**

**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)	
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-148.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-149.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>												
S-150.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-52.5
S-151.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
S-152.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
S-153.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-52.5
S-154.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
S-155.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5



**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**

**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>											
S-156.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5
S-157.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-158.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-159.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5
S-160.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-161.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-162.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-163.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-164.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-165.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-166.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-167.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-168.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-169.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-170.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-171.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-172.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-173.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-174.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-175.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-176.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-177.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**

**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)	
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-178.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.125-inch TremBoard AC		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-179.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-180.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-181.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>												
S-182.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-183.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-184.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5

**TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier		Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-185.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-186.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-187.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-188.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-189.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-190.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-191.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>										
S-192.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 2.7 ft <sup>2</sup>	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB1-TPABA	-37.5*
S-193.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 4.0 ft <sup>2</sup>	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB1-TPABA	-45.0*
S-194.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 1.3 ft <sup>2</sup>	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB1-TPABA	-60.0
S-195.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G or STYROFOAM DECKMATE Plus	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech or STYROFOAM DECKMATE Plus <u>Coverboard:</u> Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-75.0
S-196.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-127.5
S-197.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	BB1-TPABA	-135.0
S-198.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF	Note 2	1 per 2.7 ft <sup>2</sup>	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB1-TPABA	-37.5*
S-199.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Note 2	1 per 4.0 ft <sup>2</sup>	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB1-TPABA	-45.0*



**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-200.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Note 2	1 per 1.3 ft <sup>2</sup>	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB1-TPABA	-60.0
S-201.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-75.0
S-202.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-127.5
S-203.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	BB1-TPABA	-135.0
<b>TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:</b>										
S-204.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or Trisotech	Note 2	1 per 2.7 ft <sup>2</sup>	Additional layer(s) base insulation	LRFIA or LRFIA(BG)	None	None	BB2-TPALV	-37.5*
S-205.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or Trisotech	Note 2	1 per 4.0 ft <sup>2</sup>	Additional layer(s), min. 1.5-inch base insulation	LRFIA or LRFIA(BG)	None	None	BB2-TPALV	-45.0*
S-206.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G	Note 2	1 per 2.7 ft <sup>2</sup>	Additional layer(s) base insulation	PSFA	None	None	BB2-TPALV	-37.5*
S-207.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 4.0 ft <sup>2</sup>	Additional layer(s), min. 1.5-inch base insulation	PSFA	None	None	BB2-TPALV	-45.0*
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC:</b>										



**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-208.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 4.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5*
S-209.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-210.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 2.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-211.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-212.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch base insulation</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-213.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	<p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG), 12-inch o.c.</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-214.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 1-inch MonoBoard Plus (no extrapolation permitted for ribbon attachment)</p>	<p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG), 12-inch o.c.</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0*
S-215.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-216.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5
S-217.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 4.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5*
S-218.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-219.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-220.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-221.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-222.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-223.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5
S-224.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck	Hot asphalt	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-225.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-226.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 1-inch MonoBoard Plus	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0*
S-227.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-228.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Min. 0.125-inch TremBoard AC or min.0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>										
S-229.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 2.7 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB5-TLRA, 12-inch o.c.	-37.5*
S-230.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 4.0 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB5-TLRA, 12-inch o.c.	-45.0*
S-231.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 1.3 ft <sup>2</sup>	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB5-TLRA, 6-inch o.c.	-60.0
S-232.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G or STYROFOAM DECKMATE Plus	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech or STYROFOAM DECKMATE Plus <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
S-233.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-127.5

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-234.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0
S-235.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 4.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
S-236.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-237.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-238.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-239.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-240.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-241.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-242.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5
S-243.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 4.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
S-244.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*



**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-245.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-246.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-247.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-248.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-249.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0*



**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-250.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-251.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-252.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-253.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or Trisotech CGF	Note 2	1 per 2.7 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB5-TLRA, 12-inch o.c.	-37.5*
S-254.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Note 2	1 per 4.0 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB5-TLRA, 12-inch o.c.	-45.0*
S-255.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or Trisotech CG	Note 2	1 per 1.3 ft <sup>2</sup>	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB5-TLRA, 6-inch o.c.	-60.0
S-256.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-257.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-127.5
S-258.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0
S-259.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 4.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
S-260.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-261.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-262.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : PSFA 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-263.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-264.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5
S-265.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 4.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
S-266.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-267.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-268.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-269.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-270.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-271.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	SBS-TA	(Optional) SBS-TA	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-272.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-273.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-274.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	1 per 1.45 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-275.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.45 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>										
S-276.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 2.7 ft <sup>2</sup>	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-37.5*

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-277.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 4.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-37.5*
S-278.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 2.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-279.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-45.0*
S-280.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 4.0 ft <sup>2</sup>	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-45.0*
S-281.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-52.5
S-282.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 1.3 ft <sup>2</sup>	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-60.0

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-283.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-60.0
S-284.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-67.5
S-285.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G or STYROFOAM DECKMATE Plus	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech or STYROFOAM DECKMATE Plus <u>Coverboard</u> : 0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-75.0
S-286.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-112.5
S-287.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-127.5
S-288.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB6-PEBATF	-135.0



**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-289.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 4.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard:</u> Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5*
S-290.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> Min. 1-inch Atlas ThermalStar Type II <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-291.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard:</u> Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-292.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-293.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-294.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-295.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-296.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
S-297.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or Trisotech CGF	Note 2	1 per 2.7 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB6-PEBATF	-37.5*
S-298.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 4.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-37.5*
S-299.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-300.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Note 2	1 per 4.0 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB6-PEBATF	-45.0*
S-301.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Note 2	1 per 1.3 ft <sup>2</sup>	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB6-PEBATF	-60.0

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-302.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): PSFA, 12-inch o.c. Coverboard: PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-60.0
S-303.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-67.5
S-304.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-112.5
S-305.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-127.5
S-306.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB6-PEBATF	-135.0
S-307.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 4.0 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5*

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-308.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-309.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-310.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-311.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G	Note 2	1 per 1.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-312.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
S-313.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-314.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-315.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	1 per 1.45 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0

TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER										
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Base Insulation			Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-316.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.45 ft <sup>2</sup>	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0

TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)												
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER												
System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>												
S-317.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s):</u> Min. 1-inch Atlas ThermalStar Type II <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*
S-318.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s):</u> Min. 1-inch Atlas ThermalStar Type II <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*
S-319.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s):</u> Min. 1-inch Atlas ThermalStar Type II <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*
S-320.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s):</u> Min. 1-inch Atlas ThermalStar Type II <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*
S-321.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s):</u> One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-322.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-45.0*
S-323.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-52.5
S-324.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-52.5
S-325.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-60.0
S-326.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-60.0
S-327.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5



**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-328.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-329.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-330.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-331.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-332.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-333.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-82.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-334.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-82.5
S-335.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-90.0
S-336.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-90.0
S-337.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12- inch o.c.	None	None	BB1-TPABA	-45.0*
S-338.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12- inch o.c.	None	None	BB1-TPABA	-45.0*
S-339.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1- inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12- inch o.c.	None	None	BB1-TPABA	-52.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-340.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-60.0
S-341.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-60.0
S-342.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-343.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-344.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-345.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-346.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-347.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-67.5
S-348.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-82.5
S-349.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-82.5
S-350.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-90.0
S-351.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-90.0
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>												
S-352.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-353.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)			Attach ( <a href="#">Notes 6,7,8</a> )	Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2, Note 11</a> )	Attach			Type	Base Ply	Ply		Cap Ply			
S-354.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	FB1-HA or FB2-THERM	-67.5		
S-355.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	FB1-HA or FB2-THERM	-67.5		
S-356.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	FB1-HA or FB2-THERM	-67.5		
S-357.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	FB1-HA or FB2-THERM	-90.0		
S-358.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS- SEBS	FB1-HA or FB2-THERM	-52.5		

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-359.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-360.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-361.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-362.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>												
S-363.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-364.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-365.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*



**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier			Primer	Vapor Barrier <a href="#">(Note 15)</a>	Insulation Layer(s) Type	Attach <a href="#">(Notes 6,7,8)</a>	Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach					Base Ply	Ply	Cap Ply	
S-366.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-367.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-368.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-369.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-52.5
S-370.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-52.5
S-371.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-60.0

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-372.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-60.0
S-373.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-374.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-375.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-376.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)	Attach (Notes 6,7,8)	Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach					Type	Base Ply	Ply	
S-377.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-378.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-379.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-82.5
S-380.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-82.5
S-381.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0
S-382.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)  Type	Attach ( <a href="#">Notes 6,7,8</a> )	Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2, Note 11</a> )	Attach					Base Ply	Ply	Cap Ply	
S-383.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-45.0*
S-384.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-45.0*
S-385.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-52.5
S-386.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-60.0
S-387.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-60.0
S-388.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)  Type	Attach ( <a href="#">Notes 6,7,8</a> )	Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2, Note 11</a> )	Attach					Base Ply	Ply	Cap Ply	
S-389.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-67.5
S-390.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-67.5
S-391.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-67.5
S-392.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-67.5
S-393.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-67.5
S-394.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6- inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-82.5
S-395.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6- inch o.c.	None	None	FB3-TPAFB or FB4- FBWB	-82.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-396.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0
S-397.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>												
S-398.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-399.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-400.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-401.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-402.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*



**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)			Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-403.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-404.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5	
S-405.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5	
S-406.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0	
S-407.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0	
S-408.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-409.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-410.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-411.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-412.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-413.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-414.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
S-415.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
S-416.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
S-417.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
S-418.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-419.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s) Type	Attach (Notes 6,7,8)	Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach					Base Ply	Ply	Cap Ply	
S-420.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-421.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-422.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-423.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-424.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-425.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)			Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply		
S-426.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-60.0	
S-427.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-60.0	
S-428.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-67.5	
S-429.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-67.5	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)			Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-430.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-431.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-432.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-433.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-434.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5	



**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)			Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-435.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5	
S-436.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-437.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-438.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-439.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-440.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)  Type	Attach ( <a href="#">Notes 6,7,8</a> )	Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach					Base Ply	Ply	Cap Ply	
S-441.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-442.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-443.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-444.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-445.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)			Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply		
S-446.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-60.0	
S-447.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-60.0	
S-448.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-67.5	
S-449.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-67.5	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier			Primer	Vapor Barrier <a href="#">(Note 15)</a>	Insulation Layer(s)			Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach			Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply		
S-450.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-451.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-452.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-453.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)			Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-454.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-455.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-456.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-457.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-458.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5	
S-459.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-460.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-60.0
S-461.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-462.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-463.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-464.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-465.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5
S-466.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-67.5



**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-467.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
S-468.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
S-469.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
S-470.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
S-471.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-472.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-473.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)			Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-474.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0	
S-475.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0	
S-476.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-477.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-478.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-479.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-480.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-481.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-482.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck or DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
S-483.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck or DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
S-484.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
S-485.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
S-486.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-487.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-45.0*
S-488.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1- inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-52.5
S-489.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-60.0
S-490.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-60.0
S-491.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-67.5
S-492.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12- inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7- PSFA, spatter	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-493.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-494.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-495.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-496.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-497.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
S-498.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>												
S-499.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier			Primer	Vapor Barrier <a href="#">(Note 15)</a>	Insulation Layer(s)  Type	Attach <a href="#">(Notes 6,7,8)</a>	Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach					Base Ply	Ply	Cap Ply	
S-500.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-501.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-502.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-503.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-504.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-505.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-52.5



**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-506.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-52.5
S-507.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-508.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-509.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-510.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Thermal Barrier			Primer	Vapor Barrier <a href="#">(Note 15)</a>	Insulation Layer(s)		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach			Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
S-511.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-512.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-513.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-514.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-515.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-82.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-516.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-517.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-518.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-519.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-520.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-521.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)  Type	Attach ( <a href="#">Notes 6,7,8</a> )	Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach					Base Ply	Ply	Cap Ply	
S-522.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-523.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-524.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-525.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-526.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)			Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply		
S-527.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6- PEBATF	-60.0	
S-528.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6- PEBATF	-60.0	
S-529.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6- PEBATF	-67.5	
S-530.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF- #14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6- PEBATF	-67.5	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)			Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-531.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-532.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-533.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-534.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-535.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5	



**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)			Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-536.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5	
S-537.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0	
S-538.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0	
S-539.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-45.0*	
S-540.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-45.0*	
S-541.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-52.5	

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-542.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-543.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-544.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-545.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-546.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-547.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)  Type	Attach ( <a href="#">Notes 6,7,8</a> )	Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach					Base Ply	Ply	Cap Ply	
S-548.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-549.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-550.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-551.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-552.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-553.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-554.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Thermal Barrier			Primer	Vapor Barrier ( <a href="#">Note 15</a> )	Insulation Layer(s)		Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach			Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
S-555.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-556.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-557.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-558.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-559.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-560.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5

**TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-561.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-562.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-563.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-564.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-565.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-566.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-567.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0

TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)													
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER													
System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor Barrier (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)	
		Type	Fastener (Note 2, Note 11)	Attach			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply		
S-568.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0

TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER										
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
System No.	Deck (Note 1)	Base Insulation (Note 3, Note 4, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)	
			Type	Fastener (Note 2, Note 11)	Attach	Base Ply	Ply	Cap Ply		
<b>TPA IN TPA BONDING ADHESIVE:</b>										
S-569.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	BB1-TPABA	-30.0*	
S-570.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-30.0*	
S-571.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft <sup>2</sup>	None	None	BB1-TPABA	-37.5*	
S-572.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G or Trisotech CGF	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*	
S-573.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech, Trisotech G or Trisotech CGF	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*	
S-574.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*	
S-575.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*	
S-576.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*	
<b>TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:</b>										
S-577.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-30.0*	



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 4, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 2, Note 11)	Attach	Base Ply	Ply	Cap Ply	
S-578.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft <sup>2</sup>	None	None	BB2-TPALV	-37.5*
S-579.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G or Trisotech CGF	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
S-580.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech, Trisotech G or Trisotech CGF	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
S-581.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
S-582.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>									
S-583.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0*
S-584.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0*
S-585.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #12 DP (steel only) or Tremco #14 HD with Tremco 3" Metal Insulation Plate	1 per 4.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0*
S-586.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Note 2	1 per 2.0 ft <sup>2</sup>	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-587.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-588.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5

**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Base Insulation ( <a href="#">Note 3</a> , <a href="#">Note 4</a> , <a href="#">Note 13</a> )	Top Insulation			Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
			Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach	Base Ply	Ply	Cap Ply	
S-589.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
S-590.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
S-591.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #1410 with Tremco Disc 3 in. Steel Stress Plate	1 per 1.0 ft <sup>2</sup>	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
S-592.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5
S-593.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5
S-594.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5
S-595.	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft <sup>2</sup>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-172.5
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE:</b>									
S-596.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-30.0*
S-597.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft <sup>2</sup>	None	None	FB3-TPABA	-37.5*
S-598.	Min. 22 ga., type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
S-599.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
S-600.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
S-601.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*

**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Base Insulation ( <a href="#">Note 3</a> , <a href="#">Note 4</a> , <a href="#">Note 13</a> )	Top Insulation			Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
			Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach	Base Ply	Ply	Cap Ply	
S-602.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	None	FB3-TPABA	-52.5
S-603.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	None	None	FB3-TPABA	-82.5
S-604.	Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	None	None	FB3-TPABA	-105.0
<b>TPA FLEECE BACK IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>									
S-605.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-30.0*
S-606.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
S-607.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
S-608.	Min. 22 ga., type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
S-609.	Min. 22 ga., type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
S-610.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 7/16-inch APA Rated OSB	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
S-611.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
S-612.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
S-613.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	None	FB4-FBWB	-52.5
S-614.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	None	None	FB4-FBWB	-82.5
S-615.	Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	None	None	FB4-FBWB	-105.0

**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Base Insulation ( <a href="#">Note 3</a> , <a href="#">Note 4</a> , <a href="#">Note 13</a> )	Top Insulation			Roof Cover ( <a href="#">Note 15</a> )			MDP ( <a href="#">psf</a> )
			Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach	Base Ply	Ply	Cap Ply	
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>									
S-616.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*
S-617.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-30.0*
S-618.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Note 2	1 per 2.7 ft <sup>2</sup>	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-37.5*
S-619.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5*
S-620.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-621.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-622.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-623.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-624.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
S-625.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5

**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 4, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 2, Note 11)	Attach	Base Ply	Ply	Cap Ply	
S-626.	Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch thick	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-105.0
S-627.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*
S-628.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*
S-629.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-630.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-631.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-632.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-633.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
S-634.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
S-635.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft <sup>2</sup>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*

**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 4, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 2, Note 11)	Attach	Base Ply	Ply	Cap Ply	
S-636.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft <sup>2</sup>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0*
S-637.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft <sup>2</sup>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-638.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-639.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MonoBoard Plus or Min. 2-inch TopRock DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-640.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-641.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-642.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-643.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>									
S-644.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft <sup>2</sup>	None	None	FB6-PEBATF	-30.0*



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> )	Base Insulation ( <a href="#">Note 3</a> , <a href="#">Note 4</a> , <a href="#">Note 13</a> )	Top Insulation			Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
			Type	Fastener ( <a href="#">Note 2</a> , <a href="#">Note 11</a> )	Attach	Base Ply	Ply	Cap Ply	
S-645.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft <sup>2</sup>	None	None	FB6-PEBATF	-30.0*
S-646.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft <sup>2</sup>	None	None	FB6-PEBATF	-30.0*
S-647.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft <sup>2</sup>	None	None	FB6-PEBATF	-45.0*
S-648.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft <sup>2</sup>	None	None	FB6-PEBATF	-60.0
S-649.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	None	None	FB6-PEBATF	-75.0
S-650.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	None	None	FB6-PEBATF	-82.5
S-651.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	None	None	FB6-PEBATF	-127.5
S-652.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0*
S-653.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0*
S-654.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0*
S-655.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*

**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation <a href="#">(Note 3, Note 4, Note 13)</a>	Top Insulation			Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Fastener <a href="#">(Note 2, Note 11)</a>	Attach	Base Ply	Ply	Cap Ply	
S-656.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-657.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-658.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 2.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
S-659.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-660.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft <sup>2</sup>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (Note 1)	Insulation (Note 3, Note 4, Note 13)	Attachment		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
<b>SFS ISOWELD®:</b>						
S-661.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	12-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0
S-662.	Min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	12-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0
S-663.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	12-inch o.c. in rows 6 ft o.c.	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
S-664.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6 ft² per fastener 2 x 3-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
S-665.	Min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6 ft² per fastener 2 x 3-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
S-666.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6-inch o.c. in rows 6 ft o.c.	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
S-667.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	3 ft² per fastener 1.5 x 2-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
S-668.	Min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	3 ft² per fastener 1.5 x 2-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
S-669.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-90.0
S-670.	Min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-90.0

**TABLE 2G: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (Note 1)	Insulation Layer (Note 3, Note 13)		Roof Cover (Note 15A)						MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
S-671.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in. Eyehook Seam Plate	18	5	73	1.5	-30.0
S-672.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate	6	6	72	2	-45.0
S-673.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	OMG Maxload Fastener or OMG Super XHD screw with OMG 2-3/4 in. Super XHD Barbed Seam Plate	18	6	72	2	-45.0

**TABLE 2G: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (Note 1)	Insulation Layer (Note 3, Note 13)		Roof Cover (Note 15A)						MDP (psf)
		Type	Attach (Note 5)	Membrane	Fastener (Note 11)	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
S-674.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in. Eyehook Seam Plate	12	5	73	1.5	-45.0
S-675.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	12	4.5	73.5	2	-45.0
S-676.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate applied <u>through the roof cover</u> . A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0
S-677.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG Super XHD with OMG 2-3/4 in. Super XHD Barbed Seam Plate	12	6	114	2	-45.0
S-678.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG Maxload Fastener or OMG Super XHD screw with OMG 2-3/4 in. Super XHD Barbed Seam Plate	12	5.5	114	2	-45.0
S-679.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	12	5	73	2	-52.5
S-680.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	12	5	34	1.5	-60.0
S-681.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in. Eyehook Seam Plate	6	5	73	1.5	-60.0
S-682.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG Super XHD with OMG 2-3/4 in. Super XHD Barbed Seam Plate	6	5.5	114	2	-60.0
S-683.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	6	4.5	114	2	-60.0
S-684.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	6	6	72	2	-75.0
S-685.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	6	5	34	1.5	-112.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>										
C-1.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-262.5
C-2.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-285.0
C-3.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-262.5
C-4.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-285.0
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC:</b>										
C-5.	Min. 2,500 psi structural concrete	None	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
C-6.	Min. 2,500 psi structural concrete	None	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-180.0
C-7.	Min. 2,500 psi structural concrete	None	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
C-8.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
C-9.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
C-10.	Min. 2,500 psi structural concrete	None	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-195.0

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-11.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-262.5
C-12.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-285.0
C-13.	Min. 2,500 psi structural concrete	None	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
C-14.	Min. 2,500 psi structural concrete	None	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-180.0
C-15.	Min. 2,500 psi structural concrete	None	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
C-16.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
C-17.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
C-18.	Min. 2,500 psi structural concrete	None	Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-195.0
C-19.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-262.5
C-20.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-285.0
C-21.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	None	None	FB1-HA or FB2-THERM	-45.0
C-22.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch DensDeck	Hot asphalt	None	None	FB1-HA or FB2-THERM	-120.0
C-23.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	None	None	FB1-HA or FB2-THERM	-277.5



**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-24.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0
C-25.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch DensDeck	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
C-26.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
C-27.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-277.5
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE:</b>										
C-28.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA	-262.5
C-29.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA	-285.0
C-30.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA	-465.0
C-31.	Min. 2,500 psi structural concrete	None	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-622.5
C-32.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-937.5
C-33.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB3-TPABA	-262.5
C-34.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA	-285.0
C-35.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA	-465.0
C-36.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-622.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-37.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-937.5
C-38.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	(Optional) Additional Layers base insulation	Hot asphalt	None	None	FB3-TPABA	-45.0
C-39.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	None	None	FB3-TPABA	-45.0
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>										
C-40.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5
C-41.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0
C-42.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
C-43.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
C-44.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-45.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-46.	Min. 2,500 psi structural concrete	None	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-622.5
C-47.	Min. 2,500 psi structural concrete	None	Optional min. 1-inch Trisotech G, Trisotech CGF or Trisotech followed by R-50 Insulation Systems "RICH-E-BOARD"	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-48.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
C-49.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
C-50.	Min. 2,500 psi structural concrete	None	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-51.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-327.5
C-52.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-53.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-1115.0
C-54.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or Min. 0.5-inch DensDeck or Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
C-55.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
C-56.	Min. 2,500 psi structural concrete	None	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-57.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-58.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-340.0
C-59.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
C-60.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5
C-61.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0
C-62.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
C-63.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
C-64.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-65.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-66.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-622.5
C-67.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
C-68.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-69.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-327.5
C-70.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-71.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-1115.0
C-72.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or Min. 0.5-inch DensDeck or Structodek HD with Primed Red Coating	PSFA, 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
C-73.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
C-74.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-75.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-340.0
C-76.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
C-77.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G or Trisotech	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>										
C-78.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-262.5
C-79.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-285.0

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-80.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-465.0
C-81.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-622.5
C-82.	Min. 2,500 psi structural concrete	None	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-937.5
C-83.	Min. 2,500 psi structural concrete	None	Optional min. 1-inch Trisotech G, Trisotech CGF or Trisotech followed by R-50 Insulation Systems "RICH-E-BOARD"	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
C-84.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
C-85.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
C-86.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
C-87.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
C-88.	Min. 2,500 psi structural concrete	None	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
C-89.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-327.5



**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-90.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-465.0
C-91.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-622.5
C-92.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-1115.0
C-93.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-262.5
C-94.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-285.0
C-95.	Min. 2,500 psi structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-465.0
C-96.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-622.5
C-97.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-937.5
C-98.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
C-99.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
C-100.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
C-101.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-327.5
C-102.	Min. 2,500 psi structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-465.0

**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**  
SEE [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
C-103.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-622.5
C-104.	Min. 2,500 psi structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-1115.0
C-105.	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch Trisotech G or Trisotech	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-180.0

**TABLE 3B: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Insulation Layer <a href="#">(Note 3, Note 13)</a>		Roof Cover						MDP <a href="#">(psf)</a>
		Type	Attach	Membrane	Fastener <a href="#">(Note 11)</a>	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
C-106.	Min. 2,500 psi structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG CD-10 with OMG 2" Barbed Plastic Seam Plate or OMG 2 in. Barbed Seam Plate	6	6	72	2	-45.0
C-107.	Min. 2,500 psi structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1410 Fastener or OMG CD-10 with OMG 2-3/8 in. XHD Barbed Seam Plate	12	5	73	1.5	-45.0
C-108.	Min. 2,500 psi structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG CD-10 with OMG 2" Barbed Plastic Seam Plate or OMG 2 in. Barbed Seam Plate applied <u>through the roof cover</u> . A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0
C-109.	Min. 2,500 psi structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1410 Fastener or OMG CD-10 with OMG 2-3/4 in. Super XHD Barbed Seam Plate	12	6	114	2	-45.0
C-110.	Min. 2,500 psi structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1410 Fastener or OMG CD-10 with OMG 2-3/8 in. XHD Barbed Seam Plate	6	5	73	1.5	-60.0

**TABLE 3c: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

System No.	Deck	Primer	Roof Cover <a href="#">(Note 15)</a>			MDP (psf)*
			Base Ply	Ply	Cap Ply	
C-111.	Min. 2,500 psi structural concrete	ASTM D41	None	None	FB1-HA	-45.0
C-112.	Min. 2,500 psi structural concrete	ASTM D41	None	None	FB3-TPABA	-45.0
C-113.	Min. 2,500 psi structural concrete	TREMprime WB Primer	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-372.5
C-114.	Min. 2,500 psi structural concrete	None	None	None	FB3-TPABA	-802.5
C-115.	Min. 2,500 psi structural concrete	None	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-802.5
C-116.	Min. 2,500 psi structural concrete	None	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-802.5
C-117.	Min. 2,500 psi structural concrete	AlphaGuard C-Prime	None	None	FB6-PEBATF	-802.5
C-118.	Min. 2,500 psi structural concrete	None	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-802.5

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>										
LWC-1.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 12-inch o.c.	None	None	BB1-TPABA	-90.0
LWC-2.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	BB1-TPABA	-210.0
LWC-3.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-240.0
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC:</b>										
LWC-4.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-90.0
LWC-5.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA(BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
LWC-6.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-180.0
LWC-7.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
LWC-8.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
LWC-9.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
LWC-10.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-AA or SBS-AA	(Optional) BP-AA or SBS-AA	FB1-HA or FB2-THERM	-180.0
LWC-11.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-210.0
LWC-12.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-240.0
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE:</b>										
LWC-13.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB3-TPABA	-90.0
LWC-14.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB3-TPABA	-210.0
LWC-15.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA	-240.0
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>										
LWC-16.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5
LWC-17.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0
LWC-18.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
LWC-19.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
LWC-20.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-210.0
LWC-21.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-240.0
LWC-22.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.125-inch TremBoard AC	LRFIA, 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
LWC-23.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
LWC-24.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-210.0
LWC-25.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-240.0
LWC-26.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.125-inch TremBoard AC	LRFIA, 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
LWC-27.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0



**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
LWC-28.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-210.0
LWC-29.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-240.0
LWC-30.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, ribbons 4-inch o.c. or FB7-PSFA, spatter	-90.0
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>										
LWC-31.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB6-PEBATF	-90.0
LWC-32.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-210.0
LWC-33.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-240.0
LWC-34.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0
LWC-35.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
LWC-36.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-210.0
LWC-37.	Min. 2,500 psi structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-240.0

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>									
CFW-1.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-112.5
CFW-2.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	BB1-TPABA	-222.5
CFW-3.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-112.5
CFW-4.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	BB1-TPABA	-222.5
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>									
CFW-5.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
CFW-6.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>									
CFW-7.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0
CFW-8.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5
CFW-9.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
CFW-10.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5
CFW-11.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CFW-12.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CFW-13.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
CWF-14.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-15.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-16.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
CWF-17.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-18.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-19.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0
CWF-20.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5
CWF-21.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
CWF-22.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5
CWF-23.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-24.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-25.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
CWF-26.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-27.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-28.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
CWF-29.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-30.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>									
CWF-31.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-112.5
CWF-32.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB6-PEBATF	-222.5
CWF-33.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	None	None	FB6-PEBATF	-303.5
CWF-34.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
CWF-35.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
CWF-36.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-222.5
CWF-37.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-303.5
CWF-38.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-112.5
CWF-39.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	None	FB6-PEBATF	-222.5
CWF-40.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	None	None	FB6-PEBATF	-303.5
CWF-41.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
CWF-42.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
CWF-43.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-222.5
CWF-44.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-303.5

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>									
CWF-45.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	BB1-TPABA	-37.5*
CWF-46.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
CWF-47.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
<b>TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:</b>									
CWF-48.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	BB2-TPALV	-37.5*
CWF-49.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
CWF-50.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
<b>TPA FLEECE BACK IN HOT ASPHALT:</b>									
CWF-51.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB1-HA	-37.5*
CWF-52.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB1-HA	-45.0*
CWF-53.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB1-HA	-45.0*
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE:</b>									



**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply	
CWF-54.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB3-TPABA	-37.5*
CWF-55.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB3-TPABA	-37.5*
CWF-56.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
CWF-57.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
CWF-58.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
CWF-59.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
<b>TPA FLEECE BACK IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>									
CWF-60.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
CWF-61.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
CWF-62.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 150 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
CWF-63.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
CWF-64.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
CWF-65.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 360 lbf	1 per 4.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*

**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (Note 1, Note 12)	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>									
G-1.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	BB1-TPABA	-162.5
G-2.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-200.0
G-3.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	BB1-TPABA	-162.5
G-4.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-200.0
<b>TPA FLEECE BACK IN HOT ASPHALT OR THERMASTIC 80:</b>									
G-5.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
G-6.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
G-7.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
G-8.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>									
G-9.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0
G-10.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5
G-11.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
G-12.	Existing gypsum deck	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5
G-13.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-162.5

**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
G-14.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-200.0
G-15.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5
G-16.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-17.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
G-18.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5
G-19.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-20.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
G-21.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0
G-22.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5
G-23.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
G-24.	Existing gypsum deck	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5
G-25.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-162.5
G-26.	Existing gypsum deck	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-200.0
G-27.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5

**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
G-28.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-29.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
G-30.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5
G-31.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-32.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>									
G-33.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-162.5
G-34.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-200.0
G-35.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5
G-36.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-162.5
G-37.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
G-38.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-200.0
G-39.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-202.5

**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf)
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
G-40.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-162.5
G-41.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-200.0
G-42.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5
G-43.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-162.5
G-44.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
G-45.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-200.0
G-46.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-202.5

**TABLE 6B: GYPSUM DECKS – REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Insulation	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>									
G-47.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	BB1-TPABA	-37.5*
G-48.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
G-49.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	BB1-TPABA	-45.0*
<b>TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:</b>									
G-50.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	BB2-TPALV	-37.5*
G-51.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
G-52.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	BB2-TPALV	-45.0*
<b>TPA FLEECE BACK IN HOT ASPHALT:</b>									
G-53.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB1-HA	-37.5*
G-54.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB1-HA	-45.0*
G-55.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB1-HA	-45.0*
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE:</b>									
G-56.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB3-TPABA	-37.5*
G-57.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB3-TPABA	-37.5*
G-58.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
G-59.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
G-60.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*
G-61.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB3-TPABA	-45.0*



**TABLE 6B: GYPSUM DECKS – REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation	Top Insulation			Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
			Type	Fastener <a href="#">(Note 11)</a>	Attach	Base Ply	Ply	Cap Ply	
<b>TPA FLEECE BACK IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>									
G-62.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
G-63.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 134 lbf	1 per 1.8 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
G-64.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal $\geq$ 120 lbf	1 per 1.3 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
G-65.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 150 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-37.5*
G-66.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 180 lbf	1 per 2.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
G-67.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal $\geq$ 360 lbf	1 per 4.0 ft <sup>2</sup>	None	None	FB4-FBWB	-45.0*
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>									
G-68.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco Twin Loc-Nail Assembled Fastener (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)	1 per 1.3 ft <sup>2</sup>	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
<b>TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:</b>									
G-69.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco Twin Loc-Nail Assembled Fastener (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)	1 per 1.3 ft <sup>2</sup>	None	None	FB6-PEBATF	-52.5

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf) <sup>A</sup>
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
<b>TPA IN TPA BONDING ADHESIVE:</b>									
R-1	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 12-inch o.c.	None	None	BB1-TPABA	-142.5
R-2	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA	-187.5
R-3	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	BB1-TPABA	-262.5
R-4	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	BB1-TPABA	-285.0
R-5	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-262.5
R-6	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA	-285.0
<b>TPA FLEEE BACK IN HOT ASPHALT OR THERMASTIC:</b>									
R-7	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
R-8	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-157.5
R-9	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
R-10	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5
R-11	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
R-12	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-157.5
R-13	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
R-14	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf) <sup>A</sup>
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
<b>TPA FLEECE BACK IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:</b>									
R-15	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-142.5
R-16	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-187.5
R-17	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-262.5
R-18	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-285.0
R-19	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	None	N/A	None	None	FB3-TPABA	-45.0
<b>TPA FLEECE BACK IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):</b>									
R-20	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-30.0
R-21	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-37.5
R-22	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
R-23	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5
R-24	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-187.5

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf) <sup>A</sup>
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
R-25	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-26	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-27	Gravel-surfaced BUR, brushed/spudded and smooth-surface or granule-surface BUR or SBS modified bitumen	Optional min. 1-inch Trisotech G, Trisotech CGF or Trisotech followed by R-50 Insulation Systems "RICH-E-BOARD"	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
R-28	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5
R-29	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-30	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-31	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate or min. 1-inch Atlas ThermalStar Type II	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-187.5

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf) <sup>A</sup>
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
R-32	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-33	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-34	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5
R-35	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-36	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-37	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-187.5
R-38	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-39	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-40	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5
R-41	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf) <sup>A</sup>
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
R-42	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA (BG), 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA (BG), 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
R-43	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-30.0
R-44	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-37.5
R-45	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
R-46	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-47	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-48	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-49	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-50	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-51	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-52	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0

**TPA FLEECE BACK IN POWERPLY ENDURE BIO ADHESIVE TF:**



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate ( <a href="#">Note 1</a> , <a href="#">Note 12</a> )	Base Insulation		Top Insulation		Roof Cover ( <a href="#">Note 15</a> )			MDP (psf) <sup>A</sup>
		Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Base Ply	Ply	Cap Ply	
R-53	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB6-PEBATF	-142.5
R-54	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-187.5
R-55	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB6-PEBATF	-262.5
R-56	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB6-PEBATF	-285.0
R-57	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-142.5
R-58	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-187.5
R-59	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
R-60	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
R-61	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-262.5
R-62	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-285.0
R-63	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
R-64	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0

**TABLE 7B: STEEL - RECOVER**
**SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**
*(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)*

System No.	Substrate <a href="#">(Note 1)</a>	Insulation Layer	Attachment		Roof Cover <a href="#">(Note 15B)</a>	<a href="#">MDP</a> <a href="#">(psf)</a>
			Fastener <a href="#">(Note 11)</a>	Spacing		
R-65	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 60-inch o.c.</b>	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	12-inch o.c. along purlins	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0
R-66	Existing standing seam or lap seam metal roof covers having min. 14 gauge (0.075 inch), 50 ksi steel purlins spaced <b>max. 72-inch o.c.</b>	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	12-inch o.c. along purlins	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
R-67	Existing standing seam or lap seam metal roof covers having min. 14 gauge (0.075 inch), 50 ksi steel purlins spaced <b>max. 72-inch o.c.</b>	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	6-inch o.c. along purlins	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
R-68	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 60-inch o.c.</b>	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	6-inch o.c. along purlins	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-90.0