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ENGINEER

EVALUATE

TEST

CONSULT

EVALUATION REPORT BY FLORIDA P.E.

Tremco CPG, Inc.
3735 Green Road
Beachwood, OH 44122
(800) 562-2728

Evaluation Report 11425.04.16-2-R16
FL20325-R16
Date of Issuance: 04/14/2016
Revision 16: 05/30/2022

SCOPE:

This Evaluation Report is issued under **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 **7th Edition (2020) Florida Building Code** sections noted herein.

DESCRIPTION: Tremco Modified Bitumen Roof Systems for use in FBC non-HVHZ jurisdictions

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

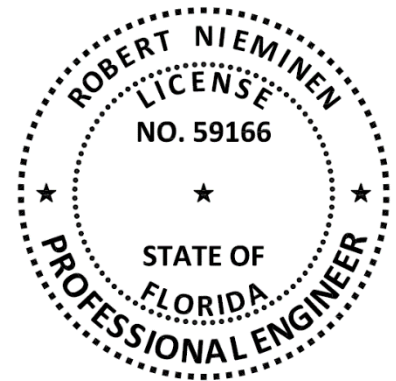
CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to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

ADVERTISEMENT: The Evaluation Report number 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 143-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: Modified Bitumen Roof Systems
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: Tremco Modified Bitumen Roof Systems, as produced by Tremco CPG, Inc., have demonstrated compliance with the following sections of the **7th Edition (2020) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD	YEAR
1504.3.1	Wind resistance	FM 4474	2011
1504.6	Physical properties	ASTM G155	2013
1504.7	Impact resistance	FM 4470	2016
1507.10.2	Material standard	ASTM D2178	2015
1507.10.2	Material standard	ASTM D4601	2012
1507.11.2	Material standard	ASTM D6162	2015
1507.11.2	Material standard	ASTM D6163	2015
1507.11.2	Material standard	ASTM D6164	2011
1507.11.2	Material standard	ASTM D6222	2011
1507.11.2	Material standard	ASTM D6509	2015

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE	ENTITY	EXAMINATION	REFERENCE	DATE
ERD (TST6049)	ASTM D6162	TRM-SC8720.06.15	06/26/15	FM (TST1867)	4470/4474	3033461	09/16/08
ERD (TST6049)	ASTM D4601	TRM-SC9680.05.16	05/03/16	FM (TST1867)	4470/4474	3039057	04/21/11
NEMO (TST6049)	ASTM D2178	4-TRM-18-002.04.18-2	04/27/18	FM (TST1867)	4470/4474	3043423	12/14/11
NEMO (TST6049)	ASTM D6163	TRM-SC16860.04.18	04/27/18	FM (TST1867)	4470/4474	3043018	01/27/12
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.B	10/24/19	FM (TST1867)	4470/4474	3045534	04/04/12
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.C	10/24/19	FM (TST1867)	4470/4474	3040922	06/13/12
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.D	10/24/19	FM (TST1867)	4470/4474	3045650	09/27/12
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-01.E	10/24/19	FM (TST1867)	4470/4474	3048493	09/24/13
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-01.F	10/24/19	FM (TST1867)	4470/4474	3051558	12/04/15
NEMO (TST6049)	ASTM D6164	4q-TRM-19-SSMBB-01.G	10/24/19	FM (TST1867)	4470/4474	3055491 (LTR)	02/10/16
NEMO (TST6049)	ASTM D6164	4q-TRM-19-SSMBB-01.H	10/24/19	NEMO (TST11294)	FM 4474	13625.01.18-1	01/08/18
NEMO (TST6049)	ASTM D6162	4q-TRM-19-SSMBB-01.A	02/07/20	NEMO (TST11294)	FM 4474	13625.01.18-3B	01/08/18
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.A	04/22/20	NEMO (TST11294)	FM 4474	13625.01.18-4B	01/08/18
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.B	04/22/20	NEMO (TST11294)	FM 4474	13625.01.18-6B	01/09/18
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.C	04/22/20	NEMO (TST11294)	FM 4474	13625.01.18-7	01/12/18
NEMO (TST6049)	ASTM D6163	4q-TRM-19-SSMBB-03.D	04/22/20	NEMO (TST11294)	FM 4474	TRM-CTL15770.09.17-2	01/15/18
NEMO (TST6049)	ASTM D4601	4q-TRM-21-SSMBB-02.A.R1	01/04/22	NEMO (TST11294)	FM 4474	2-TRM-18-001.01.18-1B	01/29/18
PRI (TST5878)	ASTM D6509	507T0190	05/02/22	NEMO (TST11294)	FM 4474	2-TRM-18-001.05.18-1	05/17/18
PRI (TST5878)	ASTM D6162	TRE-111-02-01	07/03/13	NEMO (TST11294)	FM 4474	2-TRM-18-001	07/13/18
PRI (TST5878)	ASTM D6163	JMC-171-02-04	03/03/14	NEMO (TST11294)	FM 4474	2-TRM-18-001.07.18-1A	07/16/18
PRI (TST5878)	ASTM D6163	JMC-234-02-03	04/29/15	NEMO (TST11294)	FM 4474	2-TRM-18-001.07.18-2A	07/16/18
PRI (TST5878)	ASTM D6222	JMC-330-02-01	10/17/18	NEMO (TST11294)	FM 4474	2-TRM-18-001; TRM-C18	08/15/18
PRI (TST5878)	ASTM D6222	JMC-330-02-03	10/17/18	NEMO (TST11294)	FM 4474	2-TRM-18-001	10/11/18
PRI (TST5878)	ASTM D6163	507T0105	05/11/21	NEMO (TST11294)	FM 4474	2-TRM-18-001	10/26/18
ACRC	FM 4474	07-015	04/17/07	NEMO (TST11294)	FM 4474	2-TRM-18-001	11/09/18
ERD (TST11294)	FM 4474	JM-SC11190.03.16	03/11/16	NEMO (TST11294)	FM 4474	2a-TRM-19-LSWUS-01.A	01/15/20
ERD (TST11294)	FM 4474	13625.04.17; TRM-S1	04/06/17	NEMO (TST11294)	FM 4474	2a-TRM-20-LSWUS-01	04/08/20
ERD (TST11294)	FM 4474	13625.04.17-1; TRM-S2	04/20/17	NEMO (TST11294)	FM 4474	2a-TRM-20-LSWUS-03.A	09/23/20
ERD (TST11294)	FM 4474	13625.05.17-1-R1	06/05/17	NEMO (TST11294)	FM 4474	2a-TRM-20-LSWUS-02.A	11/11/20
ERD (TST11294)	FM 4474	13625.05.17-2A	06/05/17	NEMO (TST11294)	FM 4474	2a-TRM-21-LSWUS-01.A	01/18/22
ERD (TST11294)	FM 4474	13625.07.17-2	07/20/17	NEMO (TST6049)	FM 4474	TRM-SC13940.01.18-1B	01/12/18
ERD (TST11294)	FM 4474	15770.09.17-2	09/20/17	NEMO (TST6049)	FM 4474	4-TRM-18-006.03.18-1	03/27/18
ERD (TST11294)	FM 4474	13625.11.17-2	12/07/17	NEMO (TST6049)	FM 4474	4-TRM-18-006.05.18-1	05/25/18
ERD (TST11294)	FM 4474	13625.12.17-2B	12/21/17	NEMO (TST6049)	FM 4474	4-TRM-18-006; TRM-C13	06/28/18
ERD (TST6049)	FM 4474	4674.11.01-1	11/21/01	NEMO (TST6049)	FM 4474	4-TRM-18-006; TRM-C18	07/26/18
ERD (TST6049)	FM 4474	2011.K39690SC	08/20/12	NEMO (TST6049)	FM 4474	4-TRM-18-006.08.18-1	08/02/18
ERD (TST6049)	FM 4474	TRM-SC6775.12.14	12/31/14	NEMO (TST6049)	FM 4474	4-TRM-18-006.08.18-2	08/02/18

ENTITY	EXAMINATION	REFERENCE	DATE	ENTITY	EXAMINATION	REFERENCE	DATE
ERD (TST6049)	FM 4474	TRM-SC6775.01.15	01/02/15	NEMO (TST6049)	FM 4474	4-TRM-18-006.08.18-3	08/02/18
ERD (TST6049)	FM 4474	TRM-SC6775.11.15-09-1	11/12/15	NEMO (TST6049)	FM 4474	2-TRM-18-001; TRM-B7	08/10/18
ERD (TST6049)	FM 4474	TRM-SC9625.11.15-2-R1	11/17/15	NEMO (TST6049)	FM 4474	4-TRM-18-006.11.18	11/20/18
ERD (TST6049)	FM 4474	11675.06.16-1	06/08/16	NEMO (TST6049)	FM 4474	4-TRM-18-006; TRM-C23	12/04/18
ERD (TST6049)	FM 4474	11090.07.16-1	07/18/16	NEMO (TST6049)	FM 4474	4a-TRM-19-LSWUS-02.A	03/18/19
ERD (TST6049)	FM 4474	12530.10.16-2; TRM-20A	10/11/16	NEMO (TST6049)	FM 4474	4a-TRM-19-LSWUS	06/11/19
ERD (TST6049)	FM 4474	12935.10.16; TRM-21	10/11/16	NEMO (TST6049)	Criticality	4i-TRM-19-SSCRT	06/17/19
ERD (TST6049)	FM 4474	11090.10.16-1	10/20/16	NEMO (TST6049)	FM 4474	4a-TRM-20-LSWUS-01.A	06/15/20
ERD (TST6049)	FM 4474	11675.10.16; TRM-19	10/20/16	NEMO (TST6049)	FM 4474	4a-TRM-20-LSWUS-04.A	11/17/20
ERD (TST6049)	FM 4474	TRM-SC13940.09.17	09/20/17	NEMO (TST6049)	Criticality	4i-TRM-20-SSCRT-02.A	11/17/20
FM (TST1867)	4470/4474	3002823	04/01/99	NEMO (TST6049)	Criticality	4i-TRM-20-SSCRT-01.A	05/06/21
FM (TST1867)	4470/4474	4D2A3.AM	09/04/99	NEMO (TST6049)	FM 4474	4a-TRM-21-LSWUS-01.A	06/15/21
FM (TST1867)	4470/4474	3005298	05/10/02	NEMO (TST6049)	FM 4474	4a-TRM-21-LSWUS-02.A	10/08/21
FM (TST1867)	4470/4474	3018579	10/09/03	NEMO (TST6049)	FM 4474	4a-TRM-21-LSWUS-04.A	10/08/21
FM (TST1867)	4470/4474	3018436	02/09/04	NEMO (TST6049)	FM 4474	4a-TRM-22-LSWUS-01.A	05/24/22
FM (TST1867)	4470/4474	3018437	02/09/04	NEMO (TST6049)	FM 4474	4a-TRM-22-LSWUS-02.A	05/24/22
FM (TST1867)	4470/4474	3015502	12/30/04	PRI (TST5878)	FM 4474	TRE-162-02-02	06/22/15
FM (TST1867)	4470/4474	3026215	05/19/06	NEMO	Traceability	NE-FRM-0025-01	06/11/21
FM (TST1867)	4470/4474	3027863	11/08/06	NEMO	Traceability	NE-FRM-0025-01	06/11/21
FM (TST1867)	4470/4474	3025185	05/22/07	UL (QUA9625)	QA	Service Confirmation	03/14/18
				UL (QUA9625)	QA	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

This Evaluation Report covers **Tremco Modified Bitumen Roof Systems** installed in accordance with **Tremco** published installation instructions and the Limitations / Conditions of Use herein.

TABLE 1: EVALUATED MEMBRANES

TYPE	PRODUCT	MATERIAL STANDARD			PLANT(S)
		REFERENCE	TYPE	GRADE	
Base Sheets	BURmastic Glass Ply	D4601	II	N/A	OH
	BURmastic Glass Ply – 28 lb	D4601	II	N/A	OH
	BURmastic Composite Ply HT	D4601	II	N/A	OH
	BURmastic Composite Ply Premium	D4601	II	N/A	OH
	BURmastic Composite Ply HT Green	D4601	II	N/A	OH
	BURmastic Composite Ply Premium Green	D4601	II	N/A	OH
Ply Sheets	THERMglass Type IV	D2178	IV	N/A	OK
	THERMglass Premium VI	D2178	VI	N/A	OK
APP, Smooth-Surface	POWERply APP Base Sheet	D6509	N/A	N/A	GA
	POWERply APP Smooth	D6222	I	S	GA
APP, Granule-Surface	POWERply APP FR	D6222	I	G	GA
SBS, Smooth-Surface	POWERply 300 Smooth	D6162	III	S	OH
	POWERply Endure 300 Smooth	D6162	III	S	OH
	POWERply Endure 320 Smooth	D6162	III	S	OH
	POWERply Standard Smooth	D6163	I	S	OH
	POWERply Standard Smooth HW	D6163	I	S	GA
	POWERply Endure 100 Smooth	D6163	III	S	OH
	POWERply Heavy Duty Base Sheet	D6163	III	S	OH
	POWERply 2PM	D6164	I	S	OH
	POWERply Endure 200 Smooth	D6164	I	S	OH
SBS, Granule Surface	POWERply 300 FR	D6162	III	G	OH
	POWERply Endure 300 FR	D6162	III	G	OH
	POWERply Endure 320 FR	D6162	III	G	OH
	POWERply Standard	D6163	I	G	OH
	POWERply Standard FR	D6163	I	G	OH

TABLE 1 (CONTINUED): EVALUATED MEMBRANES					
TYPE	PRODUCT	MATERIAL STANDARD			PLANT(S)
		REFERENCE	TYPE	GRADE	
SBS, Granule Surface	POWERply Standard FR HW	D6163	I	G	OH
	POWERply Standard FR GT24W	D6163	I	G	GA
	POWERply Standard FR GT24 HW	D6163	I	G	GA
	POWERply Endure 100 FR	D6163	III	G	OH
	POWERply Endure 200 FR	D6164	II	G	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 (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 (February 2020)** 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 Modified Bitumen Roof Systems shall be installed in accordance with **Tremco CPG, Inc.** current, published installation instructions, subject to the Limitations / Conditions 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 of codified material standards.

9. QUALITY ASSURANCE ENTITY:

UL, LLC – QUA9625: (360) 817-5512; bsai.inspections@ul.com

- THE 143-PAGES THAT FOLLOW FORM PART OF THIS EVALUATION REPORT -

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
1A	Wood	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	7-13
1B	Wood	New or Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	13-16
1C	Wood	New, Reroof (Tear-Off) or Recover	B-1	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	16-17
1D	Wood	New, Reroof (Tear-Off)	B-2	Mech. Attached Thermal Barrier, Bonded Temp Roof, Bonded Insulation, Bonded Roof Cover	17-18
1E	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	19-24
1F	Wood	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	24-25
1G	Wood	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover	26-28
1H	Wood	New or Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet (nails), Bonded Roof Cover	29-34
1I	Wood	New, Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet (screws & plates), Bonded Roof Cover	34-35
1J	Wood	New, Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover	36
2A	Steel	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	37-45
2B	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	45-61
2C	Steel	New, Reroof (Tear-Off)	B-2	Mech. Attached Thermal Barrier, Bonded Temp Roof, Bonded Insulation, Bonded Roof Cover	62-73
2D	Steel	New, Reroof (Tear-Off)	B-3	Adhered Thermal Barrier, Bonded Temp Roof, Bonded Insulation, Bonded Roof Cover	74-75
2E	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	75-83
2F	Steel	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	84
2G	Steel	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover	85-88
3A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	89-94
3B	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	94
4A	Lightweight concrete	Reroof (Tear-Off)	A-1	LWC to Deck, Bonded Insulation, Bonded Roof Cover	95-96
4B	Lightweight concrete	New, Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	96
4C	Lightweight concrete	Reroof (Tear-Off) or Recover	C-1	LWC to Deck, Mechanically Attached Insulation, Bonded Roof Cover	97-110
4D	Lightweight concrete	New, Reroof (Tear-Off)	E-2	LWC to Deck, Mech. Attached Base Sheet, Bonded Roof Cover	111-116
4E	Lightweight concrete	New, Reroof (Tear-Off) or Recover	E-2	LWC to Deck, Mechanically Attached PowerFAST, Bonded Roof Cover	117
4F	Lightweight concrete	New, Reroof (Tear-Off)	E-2	Temp Roof to Deck, LWC to Temp Roof, Mech. Attached Base Sheet, Bonded Roof Cover	118-124
4G	Lightweight concrete	New, Reroof (Tear-Off)	F	LWC to Deck, Bonded Roof Cover	125
4H	Lightweight concrete	New, Reroof (Tear-Off)	F	Temp Roof to Deck, LWC to Temp Roof, Bonded Roof Cover	125-126
5A	Cementitious wood fiber	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	127
5B	Cementitious wood fiber	New, Reroof (Tear-Off) or Recover	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	128
6A	Existing gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	129-130
6B	Existing gypsum	Reroof (Tear-Off)	A-1a	Bonded Temp Roof, Bonded Insulation, Bonded Roof Cover	131-132
6C	Existing gypsum	Reroof (Tear-Off) or Recover	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	133-135
6D	Existing gypsum	Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	136-138
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	139-143

The following notes apply to the systems outlined herein:

- 1 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.
- 2 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 FILE	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	
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	

- 3 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.
- 4 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.
- 5 Preliminary insulation attachment for System Type D: Unless otherwise noted, refer to Section 2.2.10.1.3 of FM Loss Prevention Data Sheet 1-29 (February 2020).
- 6 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.
 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.	Refer to Note 18 for allowable alternates
	Tremco Low Rise Foam Insulation Adhesive (BG)	LRFIA(BG)	Continuous ribbons, 12-inch o.c.	
Generic	Hot asphalt		Full coverage at 25-30 lbs/square	

- 7 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 FILE		
LRFIA or LRFIA(BG)	Any polyisocyanurate listed with adhesive herein	Various	0.5	-157.5

- 8 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 (February 2020).
- 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 (February 2020) 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. For systems using Trufast Versa-Fast, the number of Versa-Fast Fasteners installed through the Versa-Fast Plate may be increased from the minimum noted in order to yield minimum required withdrawal resistance.
- 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 herein). 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
BP-CA1	Base Ply or Ply:	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	POWERply Standard Cold Adhesive or BURmastic Adhesive at full-coverage, 1.5-2.0 gal/square
	Cap Ply (Note 17):	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
SBS-CA1	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 Endure 200 Smooth	
	Cap Ply (Note 17):	POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply 300 FR, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24W, POWERply Endure 100 FR, POWERply Endure 200 FR	

MEMBRANE / ADHESIVE COMBINATIONS			
REFERENCE	LAYER	MATERIAL	APPLICATION
BP-CA2	Base Ply or Ply:	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at full-coverage, 2.0 gal/square
	Cap Ply (Note 17):	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
SBS-CA2	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	
	Cap Ply (Note 17):	POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply 300 FR, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24W, POWERply Endure 100 FR, POWERply Endure 200 FR	
BP-CA4	Base Ply or Ply:	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	Tremco LR Adhesive [LRA], ribbons spaced per Tables
BP-CA5	Base Ply or Ply:	One or more BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	POWERply Endure BIO Adhesive TF at full-coverage, 2.0 gal/square
	Cap Ply (Note 17):	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
SBS-CA5	Base Ply or Ply:	One or more 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	POWERply Endure BIO Adhesive TF at full-coverage, 2.0 gal/square
	Cap Ply (Note 17):	POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply 300 FR, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24W, POWERply Endure 100 FR, POWERply Endure 200 FR	
	Note:	POWERply Endure BIO Adhesive TF shall not be utilized in combination with solvent-based, cold-process adhesives.	
BP-CA6	Base Ply or Ply:	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive MC at full-coverage, 2.0 gal/square
	Cap Ply (Note 17):	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
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	BURmastic Adhesive MC at full-coverage, 2.0 gal/square
	Cap Ply (Note 17):	POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply 300 FR, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24W, POWERply Endure 100 FR, POWERply Endure 200 FR	
BP-AA	Base Ply or Ply:	One or more BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, THERMglass Type IV, THERMglass Premium VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	Hot asphalt at 20-40 lbs/square
	Cap Ply (Note 17):	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
SBS-AA	Base Ply or Ply:	One or more 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	Hot asphalt at 20-40 lbs/square
	Cap Ply (Note 17):	POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply 300 FR, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24W, POWERply Endure 100 FR, POWERply Endure 200 FR	
BP-SEBS	Base Ply or Ply:	One or more BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, THERMglass Type IV, THERMglass Premium VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	THERMastic 80 at 25-30 lbs/square
SBS-SEBS	Base Ply or Ply:	One or more 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	
		Cap Ply (Note 17):	POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply 300 FR, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24W, POWERply Endure 100 FR, POWERply Endure 200 FR
SBS-TA	Base Ply or Ply:	One or more POWERply SBS Base HW, POWERply Standard Smooth HW	Torch-Applied
	Cap Ply (Note 17):	POWERply Standard FR HW, POWERply Standard FR GT24 HW	
APP-TA	Base Ply or Ply:	One or more POWERply APP Base Sheet, POWERply APP Smooth	Torch-Applied
	Cap Ply (Note 17):	POWERply APP Smooth, POWERply APP FR	

15A Unless otherwise noted, side-laps in PowerFAST systems are sealed as follows. The adhesive is applied over the seam-plate row and troweled to an even film thickness over the entire lap area.

POWERFAST SIDE LAPS	
ADHESIVE	RATE
POWERply Endure BIO Adhesive TF	75 lineal feet / gallon
Tremco LF Adhesive	26 lineal feet / 1.5 liter cartridge

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 for the selected assembly from **TABLE 3A** 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 Primer	Tremco AVC Membrane		T-LRFIA, T-LRFIA(BG) or T-LRA, 12-inch o.c.	-150.0
C-VB-2.	TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green		T-LRFIA(BG) or T-LRA, 12-inch o.c.	-180.0
C-VB-3.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green		T-LRFIA(BG) or T-LRA, 12-inch o.c.	-182.5
C-VB-4.	TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green		T-LRFIA, 12-inch o.c.	-202.5
C-VB-5.	ASTM D41	THERMglas IV, THERMglas Premium VI		hot asphalt	-225.0
C-VB-6.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green		LRFIA, LRFIA(BG) or LRA, 12-inch o.c.	-250.0
C-VB-7.	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	-262.5
C-VB-8.	None	POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Endure 200 Smooth		POWERply Endure BIO Adhesive TF at 2 gal/sq.	-292.5
C-VB-9.	TREMprime WB Primer	POWERply Standard Smooth HW		T-LRFIA, T-LRFIA(BG) or T-LRA, 12-inch o.c.	-345.0

17 The following surfacings may be applied to the Cap Ply without adverse effect on the system wind load performance. Refer to current Florida Product Approval for approved roof coatings and the Roofing Materials Directory for fire ratings associated with coating usage. Note: TREMCO CPG requires use of an FBC Approved TREMCO CPG roof coating over smooth surface Cap Ply membranes. Solvent-based and 1-part urethane type coatings are not permitted for installation over systems involving POWERply Endure BIO Adhesive TF. Consult TREMCO CPG for all compatibility limitations.

SURFACING OPTIONS FOR TREMCO CPG MODIFIED BITUMEN ROOF SYSTEMS		
OPTION #	SURFACING	FBC FILE
SURF-1.	AlphaGuard MTS or AlphaGuard BIO	FL15546
SURF-2.	Alumanation 101, Alumanation 201 or Alumanation 301 at 2.0 to 2.5 gal./sq.	FL3818
SURF-3.	ECOLastic	FL21064
SURF-4.	Flood coat of hot asphalt or THERMastic 80 at 60 lbs/square followed by embedded gravel at 400 lbs/square	FL3818
SURF-5.	Flood coat of Premium III or Premium IV at 48 to 72 lbs/square followed by emedded gravel at 400 lbs/square	FL3818
SURF-6.	Flood coat of BURmastic Adhesive or POWERply Standard Cold Adhesive at 4 to 5 gal./sq. followed by embedded gravel at 400 lbs/square	FL3818
SURF-7.	Flood coat of Rock-It Adhesive or Rock-It Adhesive WB at 5 gal./sq. followed by aggregate stone at 200 lbs/square	FL3818
SURF-8.	ICE Coating at 4 to 5 gal./sq.	FL3818
SURF-9.	Geogard Base Coat or Geogard LO Base Coat followed by Geogard Finish Coat	FL16939
SURF-10.	Solargard 6083, Solargard 4083, Solargard 2083, TremPro Elastomeric 2400 Roof Coating	FL16939

SURFCING OPTIONS FOR TREMCO CPG MODIFIED BITUMEN ROOF SYSTEMS		
OPTION #	SURFCING	FBC FILE
SURF-11.	TremLastic S at 4 to 5 gal./sq.	FL3818

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

ACCEPTABLE ALTERNATES				
SUB-CATEGORY	BY	LISTED PRODUCT HEREIN	ALTERNATE	
			PRODUCT	FBC FILE
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	
		Tremco LR Adhesive	Millennium PG-1 Pump Grade 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 Fasteners	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 FM-90 Base Sheet Fastener	Trufast FM-90 Base Sheet Fastener	
		Tremco Twin Loc-Nail Assembled Fastener	Trufast Twin Loc-Nail Assembled Fastener	
		Tremco 2" Barbed Seam Plate	Trufast 2" Barbed Metal Seam Plate	
		Tremco 2.4" Barbed Seam Plate	Trufast 2.4" Scoop Seam Plate	FL699
		Tremco 3" Metal Insulation Plate	Trufast 3" Metal Insulation Plate	
		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.

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
W-1.	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.	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5
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 Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK 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-CA2, SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
W-3.	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 Multifix or 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-CA2, SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0*
W-4.	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA2, SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
W-5.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-75.0
W-6.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-97.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-7.	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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-97.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
W-8.	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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
W-9.	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	<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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
W-10.	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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0*
W-11.	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
W-12.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-75.0

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-13.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-97.5
W-14.	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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-97.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
W-15.	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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
W-16.	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	<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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
W-17.	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
W-18.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
W-19.	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 Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-20.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-112.5
HOT-ASPHALT-APPLIED BASE PLY:									
W-21.	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	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2 BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-52.5
W-22.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2 BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0
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 SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2 BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-75.0
W-24.	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. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-97.5
W-25.	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 Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-97.5
W-26.	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.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-52.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-27.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0
W-28.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-75.0
W-29.	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. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
W-30.	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 Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
SEBS-APPLIED BASE PLY:									
W-31.	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-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
W-32.	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 Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
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 SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-34.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
W-35.	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 Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
W-36.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-112.5
TORCH-APPLIED BASE PLY:									
W-37.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
W-38.	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
W-39.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-97.5
W-40.	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 Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
W-41.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-112.5
W-42.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	POWERply Standard Smooth HW	(Optional) SBS-TA	SBS-TA	-112.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-43.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-112.5
W-44.	Min. 15/32-inch plywood at max. 24-inch span	Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-112.5

TABLE 1B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Temp Roof	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 (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:													
W-45.	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 or SBS-CA5	(Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch STURDY-DEK Asphaltic Coverboard, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board 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-CA1 or SBS-CA1	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
BURMASTIC ADHESIVE SF APPLIED BASE PLY:													
W-46.	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 or SBS-CA5	(Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch STURDY-DEK Asphaltic Coverboard, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board 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-CA2, SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:													

TABLE 1B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Temp Roof	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 (Note 17)	
W-47.	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-CA6 or SBS-CA6	(Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board 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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0*
W-48.	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, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-97.5
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-Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.											
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:													
W-49.	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 or SBS-CA5	(Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard, min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board 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-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
W-50.	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	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-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-Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.											
HOT-ASPHALT-APPLIED BASE PLY:													

TABLE 1B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Temp Roof	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 (Note 17)	
W-51.	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 or SBS-AA	(Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board 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-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2 BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0*
SEBS-APPLIED BASE PLY:													
W-52.	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-SEBS or SBS-SEBS	(Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board 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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
W-53.	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	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-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.											
TORCH-APPLIED BASE PLY:													
W-54.	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) SBS-TA	(Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch STURDY-DEK Asphaltic Coverboard or min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*

TABLE 1B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Temp Roof	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 (Note 17)	
W-55.	Min. 15/32-inch plywood at max. 24-inch span	BURmastic Glass Ply	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch STURDY-DEK Asphaltic Coverboard	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-45.0
W-56.	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-TA	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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.	SBS-TA	(Optional) SBS-TA	SBS-TA	-127.5
<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 (Note 11) shall yield minimum 85 lbf. Additional Versa-Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>											

TABLE 1c: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
W-57.	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 ²	<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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
W-58.	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 ²	<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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0

TABLE 1c: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-59.	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 ²	<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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-82.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:										
W-60.	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 ²	<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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
W-61.	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 ²	<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-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
W-62.	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 ²	<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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5

TABLE 1d: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-63.	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 ²	Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*

TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof (Note 15)	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
W-64.	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 ²	Base Ply: 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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-90.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
W-65.	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 ²	Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-45.0*
W-66.	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 ²	Base Ply: 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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-90.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											
W-67.	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 ²	Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
W-68.	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 ²	Base Ply: 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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-90.0

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

System No.	Deck (Note 1)	Base Insulation (Note 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
W-69.	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 ² (8 per 4x8 ft board)	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-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-70.	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 ² (8 per 4x8 ft board)	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-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-71.	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 ² (11 per 4x8 ft board)	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-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-72.	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 ² (15 per 4x8 ft board)	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-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>								
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
W-73.	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	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-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>								

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 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
W-74.	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 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 ² (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-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 (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-75.	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 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 ² (11 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-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 (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-76.	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 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 ² (15 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-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 (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>							
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
W-77.	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 ² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-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 (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-78.	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 ² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-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 (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>							

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 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
W-79.	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 ² (11 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-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 (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-80.	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 ² (15 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-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 (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>							
HOT-ASPHALT-APPLIED BASE PLY:									
W-81.	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 ² (8 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-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 (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-82.	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 ² (8 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-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 (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-83.	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 ² (11 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-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 (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-84.	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 ² (15 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-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 (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>							

**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 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
W-85.	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 ² (8 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-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-86.	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 ² (8 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-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-87.	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 ² (11 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-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-88.	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 ² (15 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-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>								
SEBS-APPLIED BASE PLY:									
W-89.	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 ² (8 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-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-90.	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 ² (8 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-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>								

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 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
W-91.	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 ² (11 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-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-92.	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 ² (15 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-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>								
TORCH-APPLIED BASE PLY:									
W-93.	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 ² (8 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-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-94.	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 ² (8 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-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-95.	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. 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 ² (8 per 4x8 ft board)	SBS-TA	(Optional) SBS-TA	SBS-TA	-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-96.	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; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft ² (11 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-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>								

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 13)	Top Insulation			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
W-97.	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. 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 ² (11 per 4x8 ft board)	SBS-TA	(Optional) SBS-TA	SBS-TA	-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 (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-98.	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 ² (15 per 4x8 ft board)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-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 (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-99.	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. 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 ² (15 per 4x8 ft board)	SBS-TA	(Optional) SBS-TA	SBS-TA	-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 (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>							

TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 13)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
W-100.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA2 or SBS-CA2	BP-CA1 or SBS-CA1	-60.0
W-101.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-67.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									

TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 13)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-102.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA1 or SBS-CA1	-60.0
W-103.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-67.5
HOT-ASPHALT-APPLIED BASE PLY:									
W-104.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-AA, SBS-AA	BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	-67.5
W-105.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more SBS-AA	SBS-TA	-67.5
SEBS-APPLIED BASE PLY:									
W-106.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-67.5
TORCH-APPLIED BASE PLY:									
W-107.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5

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

System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
POWERPLY 300 SMOOTH WITH FASTENER AND STRESS PLATE:									
W-108.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	18-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed, BURmastic Adhesive SF or Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-45.0*
W-109.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate	18-inch o.c. within the 4-inch wide, hot-air-weld-sealed sealed side laps	(Optional) APP-TA	APP-TA	-45.0*
POWERPLY ENDURE 200 SMOOTH WITH FASTENER AND STRESS PLATE:									
W-110.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	18-inch o.c. within the min. 4-inch wide BURmastic Adhesive SF sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-45.0*
W-111.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	18-inch o.c. within the min. 4-inch wide BURmastic Adhesive SF sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	-45.0*
POWERPLY HEAVY DUTY BASE SHEET WITH FASTENER AND STRESS PLATE:									
W-112.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	18-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-37.5
	<i>Note: *For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 291 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>								
W-113.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	18-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-37.5
	<i>Note: *For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 291 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>								

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

System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-114.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-45.0
	<i>Note: *For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 232 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>								
W-115.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-45.0
	<i>Note: *For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 232 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>								
W-116.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-52.5
W-117.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF or Tremco LF Adhesive sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
W-118.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	9-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-52.5
W-119.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-60.0

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

System No.	Deck (Note 1)	Slip Sheet	Insulation and/or Thermal Barrier (Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
				Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-120.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, min. 1-inch, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-67.5
	<i>Note:</i>	<i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 349 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>							
W-121.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
W-122.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-82.5
W-123.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD with Tremco 2" Barbed Seam Plate	6-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF sealed side laps	(Optional) BP-CA5, SBS-CA5	BP-CA5, SBS-CA5	-97.5
POWERPLY ENDURE 200 SMOOTH WITH FASTENER AND BATTEN BARS OR BATTEN STRIPS:									
W-124.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #14 HD with Trufast Galvalume Seam/Batten Bar (BB-18R-6)	6-inch o.c. within the min. 4-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-60.0
W-125.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #14 HD with Trufast Galvalume Seam/Batten Bar (BB-18R-6)	6-inch o.c. within the min. 4-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, SBS-SEBS or SBS-TA	-60.0

TABLE 1H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:								
W-126.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head “Original” Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
BURMASTIC ADHESIVE SF APPLIED BASE PLY:								
W-127.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head “Original” Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
BURMASTIC ADHESIVE MC APPLIED BASE PLY:								
W-128.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head “Original” Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0*
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:								
W-129.	Min. 15/32-inch plywood or OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-37.5*
W-130.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head “Original” Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
W-131.	Min. 15/32-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	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	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*

TABLE 1H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-132.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
W-133.	Min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
W-134.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
W-135.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-90.0
W-136.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-105.0
HOT-ASPHALT-APPLIED BASE PLY:								
W-137.	Min. 15/32-inch plywood or OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-37.5*
W-138.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head “Original” Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0*
W-139.	Min. 15/32-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	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	BP-AA, SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0*

TABLE 1H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-140.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0
W-141.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0*
W-142.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-52.5
W-143.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	-90.0
W-144.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	-105.0
W-145.	Min. 15/32-inch plywood or OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-37.5*
W-146.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head “Original” Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-AA	SBS-TA	-45.0*
W-147.	Min. 15/32-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	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	SBS-AA	SBS-TA	-45.0*
W-148.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-45.0*

TABLE 1H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-149.	Min. 7/16-inch OSB at max. 24-inch span; #8 wood screws, 6" o.c.	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-45.0
W-150.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-52.5
W-151.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-90.0
W-152.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-AA	SBS-TA	-105.0
SEBS-APPLIED BASE PLY:								
W-153.	Min. 15/32-inch plywood or OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-37.5*
W-154.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head "Original" Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-45.0*
W-155.	Min. 15/32-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	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	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-45.0*
W-156.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-45.0*

TABLE 1H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-157.	Min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-45.0
W-158.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-52.5
W-159.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-90.0
W-160.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-105.0
TORCH-APPLIED BASE PLY:								
W-161.	Min. 15/32-inch plywood or OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	SBS-TA	BP-CA1, BP-CA2, BP-AA, BP-SEBS, SBS-CA1, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-37.5*
W-162.	Min. 15/32-inch plywood or min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Regular Round Head “Original” Simplex Cap Nails, 1-inch long x 1-inch head-diameter	9-inch o.c. at 2-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-TA	BP-CA1, BP-CA2, BP-AA, BP-SEBS, SBS-CA1, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-45.0*
W-163.	Min. 15/32-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	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	SBS-TA	BP-CA1, BP-CA2, BP-AA, BP-SEBS, SBS-CA1, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-45.0*
W-164.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 2-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	SBS-TA	BP-CA1, BP-CA2, BP-AA, BP-SEBS, SBS-CA1, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-45.0*

TABLE 1H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)								
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER								
System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-165.	Min. 7/16-inch OSB at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	SBS-TA	BP-CA1, BP-CA2, BP-AA, BP-SEBS, SBS-CA1, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-45.0
W-166.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	SBS-TA	BP-CA1, BP-CA2, BP-AA, BP-SEBS, SBS-CA1, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-52.5
W-167.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at two (2), equally spaced, staggered center rows	SBS-TA	BP-CA2, BP-AA, BP-SEBS, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-90.0
W-168.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Simplex MAXX Cap Fastener	6-inch o.c. at min. 2-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-TA	BP-CA2, BP-AA, BP-SEBS, SBS-CA2, SBS-AA, SBS-SEBS, SBS-TA	-105.0

TABLE 1I: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER								
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (SCREWS & PLATES), BONDED ROOF COVER								
System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:								
W-169.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA2 or SBS-CA2	BP-CA1 or SBS-CA1	-60.0
W-170.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-67.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:								
W-171.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA1 or SBS-CA1	-60.0

TABLE 1I: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (SCREWS & PLATES), BONDED ROOF COVER

System No.	Deck (Note 1)	Slip Sheet	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
W-172.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	One or more BP-CA6 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-67.5
HOT-ASPHALT-APPLIED BASE PLY:								
W-173.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	BP-AA, SBS-AA	BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	-67.5
W-174.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	SBS-AA	SBS-TA	-67.5
SEBS-APPLIED BASE PLY:								
W-175.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS	-67.5
TORCH-APPLIED BASE PLY:								
W-176.	Min. 19/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green or BURmastic Composite Ply Premium Green	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. at the min. 4-inch wide side laps	APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5

**TABLE 1J: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER**

System No.	Deck (Note 1)	Slip Sheet	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
POWERPLY 300 SMOOTH WITH FASTENER AND STRESS PLATE:								
W-177.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply 300 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate	18-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed, BURmastic Adhesive SF or Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-45.0*
W-178.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply 300 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate	18-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed side laps	(Optional) APP-TA	APP-TA	-45.0*
POWERPLY ENDURE 200 SMOOTH WITH FASTENER AND STRESS PLATE:								
W-179.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate	18-inch o.c. within the min. 4-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-45.0*
W-180.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate	18-inch o.c. within the min. 4-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	BP-AA, SBS-AA or SBS-SEBS	-45.0*
POWERPLY ENDURE 200 SMOOTH WITH FASTENER AND BATTEN BARS OR BATTEN STRIPS:								
W-181.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Endure 200 Smooth	Tremco #14 HD with Trufast Galvalume Seam/Batten Bar (BB-18R-6)	6-inch o.c. within the min. 4-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-60.0
W-182.	Min. 15/32-inch plywood at max. 24-inch span	(Optional) UL Certified, Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply Endure 200 Smooth	Tremco #14 HD with Trufast Galvalume Seam/Batten Bar (BB-18R-6)	6-inch o.c. within the min. 4-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	BP-AA, SBS-AA or SBS-SEBS	-60.0

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
S-1.	Min. 22 ga., type B, Grade 40 steel	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.	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5
S-2.	Min. 22 ga., type B, Grade 40 steel	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-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-3.	Min. 22 ga., type B, Grade 40 steel	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 Multifix or 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-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0*
S-4.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-5.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-6.	Min. 22 ga., type B, Grade 80 steel	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-75.0
S-7.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-97.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-8.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 6-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-97.5
S-9.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 6-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-97.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
S-10.	Min. 22 ga., type B, Grade 40 steel	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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
S-11.	Min. 22 ga., type B, Grade 40 steel	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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
S-12.	Min. 22 ga., type B, Grade 40 steel	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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0*
S-13.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
S-14.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-15.	Min. 22 ga., type B, Grade 80 steel	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-75.0
S-16.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-97.5
S-17.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-97.5
S-18.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-97.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
S-19.	Min. 22 ga., type B, Grade 40 steel	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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-20.	Min. 22 ga., type B, Grade 40 steel	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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-21.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-22.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-23.	Min. 22 ga., type B, Grade 80 steel	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-24.	Min. 22 ga., type B, Grade 80 steel	Min. 0.25-inch DensDeck, Deck 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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5*
S-25.	Min. 22 ga., type B, Grade 40 steel	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, Deck Prime or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5*
S-26.	Min. 22 ga., type B, Grade 40 steel	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.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
S-27.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
S-28.	Min. 22 ga., type B, Grade 40 steel	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.	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
S-29.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-30.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-112.5
S-31.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-157.5
HOT-ASPHALT-APPLIED BASE PLY:									
S-32.	Min. 22 ga., type B, Grade 40 steel	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	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-52.5
S-33.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0
S-34.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0
S-35.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-97.5
S-36.	Min. 22 ga., type B, Grade 80 steel	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-75.0
S-37.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-97.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-38.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-97.5
S-39.	Min. 22 ga., type B, Grade 40 steel	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.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-52.5
S-40.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 12-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0
S-41.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-60.0
S-42.	Min. 22 ga., type B, Grade 80 steel	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-75.0
S-43.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
S-44.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5
S-45.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-AA	(Optional) SBS-AA, SBS-TA	SBS-TA	-97.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
SEBS-APPLIED BASE PLY:									
S-46.	Min. 22 ga., type B, Grade 40 steel	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-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
S-47.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 12-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-48.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 12-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-49.	Min. 22 ga., type B, Grade 80 steel	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
S-50.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
S-51.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 6-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
S-52.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 6-inch o.c.	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
S-53.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-54.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-SEBS (except THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5
TORCH-APPLIED BASE PLY:									
S-55.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-56.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-57.	Min. 22 ga., type B, Grade 80 steel	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-58.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-97.5
S-59.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA, 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
S-60.	Min. 22 ga., type B, Grade 40 steel	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 Board	LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
S-61.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-112.5

TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-62.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	POWERply Standard Smooth HW	(Optional) SBS-TA	SBS-TA	-157.5
S-63.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	APP-TA	(Optional) APP-TA	APP-TA	-157.5
S-64.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	SBS-TA	(Optional) SBS-TA	SBS-TA	-157.5

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:										
S-65.	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 ²	<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, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-37.5*
S-66.	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 ²	<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, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-67.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5
BURMASTIC ADHESIVE SF APPLIED BASE PLY:										
S-68.	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 ²	<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. .25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-37.5*
S-69.	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 ²	<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	LRFIA or LRFIA(BG)	BP-CA2, SBS-CA2	(Optional) One or more BP-CA2, SBS-CA2	BP-CA2, SBS-CA2	-45.0*
S-70.	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 ²	<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. .25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
S-71.	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 ²	<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.	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-72.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5
S-73.	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 ²	<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	<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-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-74.	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 ²	<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 Multifix or 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-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0*
S-75.	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 ²	<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 DensDeck Prime, 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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
S-76.	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 ²	<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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA2 (except BURmastic Glass Ply, BURmastic Glass Ply – 28 lb) or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-112.5

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-77.	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 ²	<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	Hot asphalt	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-78.	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 ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-75.0
S-79.	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 ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-75.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
S-80.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-37.5*
S-81.	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 ²	<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	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-45.0*

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-82.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0*
S-83.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
S-84.	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 ²	<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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
S-85.	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 ²	<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	<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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
S-86.	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 ²	<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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0*

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-87.	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 ²	<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 DensDeck Prime, 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 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
S-88.	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 ²	<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 DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-97.5
S-89.	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 ²	<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	Hot asphalt	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
S-90.	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 ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-75.0
S-91.	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 ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-75.0

POWERPLY ENDURE BIO ADHESIVE TF ADHESIVE APPLIED BASE PLY:

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-92.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-37.5*
S-93.	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 ²	<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	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-94.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-95.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-96.	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 ²	<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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-97.	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 ²	<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	<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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-98.	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 ²	<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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-99.	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 ²	<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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-112.5
S-100.	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 ²	<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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-101.	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 ²	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-102.	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 ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-103.	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 ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0

HOT-ASPHALT-APPLIED BASE PLY:

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-104.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-37.5*
S-105.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0*
S-106.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-52.5
S-107.	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 ²	<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	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-52.5
S-108.	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 ²	<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	<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-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-109.	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 ²	<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 (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-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0*
S-110.	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 ²	<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 DensDeck Prime, 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-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-67.5
S-111.	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 ²	<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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-112.5
S-112.	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 ²	<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	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0
S-113.	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 ²	<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	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0*
S-114.	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 ²	Min. 0.125-inch TremBoard AC or min.0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-67.5

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-115.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-75.0
S-116.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-75.0
S-117.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-37.5*
S-118.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0*
S-119.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5
S-120.	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 ²	<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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-121.	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 ²	<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	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0
S-122.	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 ²	<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 (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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0*
S-123.	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 ²	<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 DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-124.	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 ²	<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	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-112.5
S-125.	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 ²	<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	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-126.	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 ²	<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	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0*
S-127.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-128.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
S-129.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
SEBS-APPLIED BASE PLY:										
S-130.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-37.5*
S-131.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-132.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
S-133.	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 ²	<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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
S-134.	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 ²	<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	<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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-135.	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 ²	<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 (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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*
S-136.	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 ²	<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 DensDeck Prime, 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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-137.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	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 ²	<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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-112.5

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-138.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech, H-Shield or Multi-Max FA3	Dekfast DF-#15-PH3 with PLT-R-3, OMG XHD with OMG 3 in. Galvalume Steel Plate or 3 in. Ribbed Galvalume Plate, Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board</u>	LRFIA or LRFIA(BG), 4-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-135.0
S-139.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board</u>	LRFIA or LRFIA(BG), 4-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-135.0
S-140.	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 ²	<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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-141.	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 ²	<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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0*
S-142.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-143.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-144.	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 ²	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
TORCH-APPLIED BASE PLY:										
S-145.	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 ²	<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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-37.5*
S-146.	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 ²	<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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
S-147.	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 ²	<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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-52.5
S-148.	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 ²	<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 DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK 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.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-149.	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 ²	<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 (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.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0*

TABLE 2B: 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 Layer			Top Insulation Layer (s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-150.	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 ²	<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 DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5
S-151.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	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 ²	<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	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-112.5
S-152.	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 ²	<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 DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-153.	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 ²	<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	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0*
S-154.	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 ²	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-155.	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 ²	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
S-156.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: BP-CA2, SBS-CA2	<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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
BURMASTIC ADHESIVE SF APPLIED BASE PLY:											
S-157.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: BP-CA2 or SBS-CA2	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2, SBS-CA2	(Optional) One or more BP-CA2, SBS-CA2	BP-CA2, SBS-CA2	-45.0*
S-158.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2, SBS-CA2	(Optional) One or more BP-CA2, SBS-CA2	BP-CA2, SBS-CA2	-45.0*
S-159.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: BP-CA2 or SBS-CA2	<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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
S-160.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-161.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-162.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
S-163.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
S-164.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-165.	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 ²	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-90.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
S-166.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-45.0*
S-167.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-45.0*
S-168.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	<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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0*

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-169.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
S-170.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
S-171.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
S-172.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-173.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
S-174.	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 ²	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-90.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											
S-175.	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 ²	BP-CA5, SBS-CA5, SBS-TA	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-176.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
S-177.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-178.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-179.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-180.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-181.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
S-182.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: 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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-183.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: 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, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
S-184.	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 ²	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied or Base Ply: 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 or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-90.0
HOT-ASPHALT-APPLIED BASE PLY:											
S-185.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-52.5
S-186.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-67.5
S-187.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-188.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-67.5
S-189.	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 ²	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-90.0
S-190.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5
S-191.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-192.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-193.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-194.	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 ²	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	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-90.0
SEBS-APPLIED BASE PLY:											
S-195.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5
S-196.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-197.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-198.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-199.	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 ²	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-90.0
TORCH-APPLIED BASE PLY:											
S-200.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-52.5
S-201.	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 ²	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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0
S-202.	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 ²	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, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-203.	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 ²	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, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-204.	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 ²	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, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-205.	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 ²	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	LRFIA or LRFIA(BG), 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-90.0
S-206.	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 ²	Tremco AVC Primer at 250 ft ² /gal followed by Tremco AVC Membrane, self-adhering	<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	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA	(Optional) APP-TA	APP-TA	-52.5
S-207.	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 ²	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 Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA	(Optional) APP-TA	APP-TA	-67.5

TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier			Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fastener (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
S-208.	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 ²	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 Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA	(Optional) APP-TA	APP-TA	-67.5
S-209.	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 ²	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 Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA	(Optional) APP-TA	APP-TA	-67.5
S-210.	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 ²	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	LRFIA or LRFIA(BG), 6-inch o.c.	APP-TA	(Optional) APP-TA	APP-TA	-90.0

TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-3: ADHERED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier		Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:										
S-211.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Base Ply: 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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5
S-212.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Base Ply: 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.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
S-213.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Base Ply: 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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
S-214.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Base Ply: 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.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:										
S-215.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Base Ply: 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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
S-216.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Base Ply: BP-CA5, SBS-CA5 or 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.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-3: ADHERED THERMAL BARRIER, BONDED TEMP ROOF, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Thermal Barrier		Temp Roof	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
TORCH-APPLIED BASE PLY:										
S-217.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Base Ply: 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 Coverboard: Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-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 (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
S-218.	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 ²	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-30.0*
S-219.	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 ²	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-30.0*
S-220.	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 ²	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-221.	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 Multifix or 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-CA2 or SBS-CA2	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
S-222.	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 Multifix or 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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-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 (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-223.	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 ²	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-75.0
S-224.	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 ²	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-75.0
S-225.	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 ²	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-97.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
S-226.	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 ²	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-30.0*
S-227.	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 ²	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-30.0*
S-228.	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 ²	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
S-229.	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) One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
S-230.	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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-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 (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-231.	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 ²	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
S-232.	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 ²	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-75.0
S-233.	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 ²	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-75.0
S-234.	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 ²	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-97.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
S-235.	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 ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-30.0*
S-236.	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 ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-30.0*
S-237.	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 ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
S-238.	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 ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-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 (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-239.	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 ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-240.	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 ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
S-241.	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 Dens Deck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
S-242.	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	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 ²	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
HOT-ASPHALT-APPLIED BASE PLY:									
S-243.	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 ²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-30.0*
S-244.	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 ²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-30.0*
S-245.	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 ²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-30.0*
S-246.	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 ²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0

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 Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-247.	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 ²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-67.5
S-248.	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 ²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-75.0
S-249.	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 ²	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-75.0
S-250.	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 ²	BP-AA, SBS-AA	(Optional) BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-112.5
S-251.	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 ²	BP-AA, SBS-AA	(Optional) BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	-157.5
S-252.	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 ²	BP-AA, SBS-AA	(Optional) BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	-157.5
S-253.	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 1.0 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, APP-TA	BP-AA, SBS-AA, APP-TA	-172.5
S-254.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-30.0*
S-255.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-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 Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-256.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-30.0*
S-257.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0
S-258.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
S-259.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
S-260.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
S-261.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-112.5
S-262.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-157.5
S-263.	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 ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-157.5
S-264.	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 1.0 ft ²	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-172.5

SEBS-APPLIED BASE PLY:

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 Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-265.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-30.0*
S-266.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-30.0*
S-267.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-30.0*
S-268.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
S-269.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
S-270.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
S-271.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
S-272.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-112.5
S-273.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5

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 Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-274.	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 ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-157.5
S-275.	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 1.0 ft ²	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-172.5
TORCH-APPLIED BASE PLY:									
S-276.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-30.0*
S-277.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-30.0*
S-278.	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. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 4.0 ft ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-30.0*
S-279.	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. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
S-280.	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	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
S-281.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
S-282.	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	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.	POWERply Standard Smooth HW, torch-applied	(Optional) POWERply Standard Smooth HW, torch-applied	POWERply Standard FR HW, POWERply Standard FR GT24 HW, torch-applied	-67.5
S-283.	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	Tremco #14 HD Fastener or Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-TA	(Optional) SBS-TA	SBS-TA	-60.0

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 Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Ply	Cap Ply (Note 17)	
S-284.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	None	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-TA	(Optional) SBS-TA	SBS-TA	-67.5
S-285.	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	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-TA	(Optional) SBS-TA	SBS-TA	-75.0
S-286.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-287.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
S-288.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-112.5
S-289.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-157.5
S-290.	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 ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-157.5
S-291.	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 1.0 ft ²	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-172.5

TABLE 2F: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 13)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:								
S-292.	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch total thickness, loose-laid	BURmastic Composite Ply HT, BURmastic Composite Ply Premium	Tremco #1410 Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate	6-inch o.c. at the min. 4-inch wide laps and 6-inch o.c. at two (2) equally spaced center rows	SBS-CA2	SBS-CA2	-112.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:								
S-293.	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch total thickness, loose-laid	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco #1410 Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate	6-inch o.c. at the min. 4-inch wide laps and 6-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-112.5
S-294.	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch total thickness, loose-laid	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Dekfast DF-#15-PH3 with Dekfast PLT-R-3 or Dekfast PLT-H-2-7/8 or Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate	6-inch o.c. at the min. 4-inch wide laps and 6-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-120.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:								
S-295.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, min. 2-inch Approved polyisocyanurate or mineral wool insulation, loose laid, followed by min. ½-inch APA rated OSB, loose-laid	POWERply 300 Smooth	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	6-inch o.c. at the min. 4-inch wide laps and 6-inch o.c. at two (2) equally spaced center rows	BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-180.0
TORCH-APPLIED BASE PLY:								
S-296.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, min. 2-inch Approved polyisocyanurate or mineral wool insulation, loose laid, followed by min. ½-inch APA rated OSB, loose-laid	POWERply 300 Smooth	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	6-inch o.c. at the min. 4-inch wide laps and 6-inch o.c. at two (2) equally spaced center rows	SBS-TA	SBS-TA	-180.0

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

System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
POWERPLY 300 SMOOTH WITH FASTENERS/STRESS PLATES:								
S-297.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #14 HD Fastener or Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate, Dekfast DF-#14-PH3 or DF-#15-PH3 with Dekfast PLT-R-2-4B or #15 Roofgrip with OMG 2 in. Barbed Plate	18-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) APP-TA	APP-TA	-37.5*
S-298.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-2-4B or #15 Roofgrip with OMG 2 in. Barbed Plate	18-inch o.c. within the min. 4-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-CA1 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive</i>)	BP-CA1 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive</i>)	-45.0*
S-299.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #14 HD Fastener or Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate, Dekfast DF-#14-PH3 or DF-#15-PH3 with Dekfast PLT-R-2-4B or #15 Roofgrip with OMG 2 in. Barbed Plate	18-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed or Tremco LF Adhesive sealed side laps	(Optional) APP-TA	APP-TA	-45.0*
S-300.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 5-inch wide, BURmastic Adhesive SF sealed side laps	(Optional) BP-CA1 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive</i>)	BP-CA1 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive</i>)	-52.5
S-301.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 5-inch wide, hot-air-weld-sealed, BURmastic Adhesive SF sealed or Tremco LF Adhesive sealed side laps	(Optional) APP-TA	APP-TA	-52.5
S-302.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-2-4B	6-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed or Tremco LF Adhesive sealed side laps	(Optional) APP-TA	APP-TA	-75.0
POWERPLY 300 SMOOTH WITH FASTENERS/BATTEN BARS:								

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

System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
S-303.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD Fastener with Trufast Deep Dish Metal Batten Bar	6-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed or BURmastic Adhesive SF sealed side laps	None	SBS-CA1(<i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive</i>)	-75.0
S-304.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply 300 Smooth	Tremco #15 EHD Fastener with Trufast Deep Dish Metal Batten Bar	6-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed sealed side laps	(Optional) APP-TA	APP-TA	-97.5
POWERPLY ENDURE 200 SMOOTH WITH FASTENERS/STRESS PLATES:								
S-305.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate or Tremco 2.4" Barbed Seam Plate	24-inch o.c. within the min. 4-inch wide (for 2" plate) or min. 5-inch wide (for 2.4" plate), POWERply Endure BIO Adhesive TF sealed sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-30.0*
S-306.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within every-third 5-inch wide side lap. Fastened laps sealed with POWERply Endure BIO Adhesive TF. 3-inch wide laps between fastened laps sealed with POWERply Endure BIO Adhesive TF.	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-37.5
S-307.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate or Tremco 2.4" Barbed Seam Plate	24-inch o.c. within the min. 4-inch wide (for 2" plate) or min. 5-inch wide (for 2.4" plate), BURmastic Adhesive SF sealed sealed side laps	(Optional) BP-CA1 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive</i>)	BP-CA1 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive</i>)	-45.0*
S-308.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD Fastener with Tremco 2" Barbed Seam Plate or Tremco 2.4" Barbed Seam Plate	24-inch o.c. within the min. 4-inch wide (for 2" plate) or min. 5-inch wide (for 2.4" plate), BURmastic Adhesive SF sealed sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	BP-AA, SBS-AA or SBS-SEBS	-45.0*
POWERPLY ENDURE 200 SMOOTH WITH FASTENERS/BATTEN BARS:								
S-309.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, prelim. attach	POWERply Endure 200 Smooth	Tremco #15 EHD with Tremco Coil MB-R Recessed Batten Bar	6-inch o.c. within the min. 4-inch wide POWERply Endure BIO Adhesive TF sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
POWERPLY HEAVY DUTY BASE SHEET WITH FASTENERS/STRESS PLATES:								

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

System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
S-310.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #14 HD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-45.0
S-311.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive)	-60.0
S-312.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS	-82.5
S-313.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, prelim. attach	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	12-inch o.c. within the min. 4-inch wide Tremco LF Adhesive sealed side laps	(Optional) SBS-TA	SBS-TA	-82.5
S-314.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide POWERply Endure BIO Adhesive TF sealed side laps	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-105.0
S-315.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide POWERply Endure BIO Adhesive TF sealed side laps and 6-inch o.c. in one (1) center row	Base Ply: SBS-CA5 or SBS-TA Ply (Optional): SBS-CA5 or SBS-TA	SBS-CA5 or SBS-TA	-112.5
S-316.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide POWERply Endure BIO Adhesive TF sealed side laps and 6-inch o.c. in one (1) center row Center rows stripped-in with 6-inch wide strips of SBS-CA5	(Optional) SBS-CA5 or SBS-TA	SBS-CA5 or SBS-TA	-112.5

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

System No.	Deck (Note 1)	Insulation and/or Thermal Barrier (Note 13)	PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
S-317.	Min. 22 ga., type B, Grade 40 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide Tremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row	Base Ply: SBS-TA Ply (Optional): SBS-TA	SBS-TA	-217.5
S-318.	Min. 22 ga., type B, Grade 40 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide Tremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row Center rows stripped-in with 6-inch wide strips of SBS-TA	(Optional) SBS-TA	SBS-TA	-217.5
S-319.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide Tremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row	Base Ply: SBS-TA Ply (Optional): SBS-TA	SBS-TA	-247.5
S-320.	Min. 22 ga., type B, Grade 80 steel	One or more layers, min. 2-inch thick, any combination, loose-laid	POWERply Heavy Duty Base Sheet	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Seam Plate	6-inch o.c. within the min. 5-inch wide Tremco LF Adhesive sealed side laps and 6-inch o.c. in one (1) center row Center rows stripped-in with 6-inch wide strips of SBS-TA	(Optional) SBS-TA	SBS-TA	-247.5

TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
C-1.	Min. 2,500 psi structural concrete	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board, Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
C-2.	Min. 2,500 psi structural concrete	(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 or min. 0.5-inch SECUROCK Cement Roof Board, Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-3.	Min. 2,500 psi structural concrete	(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 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-165.0
C-4.	Min. 2,500 psi structural concrete	(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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-262.5
C-5.	Min. 2,500 psi structural concrete	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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-285.0
C-6.	Min. 2,500 psi structural concrete	(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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-285.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									

TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
C-7.	Min. 2,500 psi structural concrete	(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, min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) One or more BP-CA1, SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-8.	Min. 2,500 psi structural concrete	(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) One or more BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	-202.5
C-9.	Min. 2,500 psi structural concrete	(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) One or more BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	-202.5
C-10.	Min. 2,500 psi structural concrete	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) One or more BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	-285.0
C-11.	Min. 2,500 psi structural concrete	(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) One or more BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	BP-CA2, BP-CA6, SBS-CA2, SBS-CA6	-285.0
C-12.	Min. 2,500 psi structural concrete	(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) One or more BP-CA6, SBS-CA6	BP-CA6, SBS-CA6	-340.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
C-13.	Min. 2,500 psi structural concrete	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	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5

TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
C-14.	Min. 2,500 psi structural concrete	(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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
C-15.	Min. 2,500 psi structural concrete	(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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-262.5
C-16.	Min. 2,500 psi structural concrete	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-CA5, SBS-CA5	(Optional) BP-CA5, SBS-CA5	BP-CA5, SBS-CA5	-285.0
C-17.	Min. 2,500 psi structural concrete	(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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-327.5
C-18.	Min. 2,500 psi structural concrete	(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 or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-465.0
C-19.	Min. 2,500 psi structural concrete	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-1115.0
C-20.	Min. 2,500 psi structural concrete; ASTM D41 primed	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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-180.0

HOT-ASPHALT-APPLIED BASE PLY:

TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
C-21.	Min. 2,500 psi structural concrete	(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, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board, Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One or more BP-CA1, SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-22.	Min. 2,500 psi structural concrete	(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	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2, BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-165.0
C-23.	Min. 2,500 psi structural concrete	(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 min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2, BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-180.0
C-24.	Min. 2,500 psi structural concrete; ASTM D41 primed	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	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2, BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-180.0
C-25.	Min. 2,500 psi structural concrete	(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.	SBS-AA	(Optional) One SBS-AA, SBS-TA	SBS-TA	-165.0
C-26.	Min. 2,500 psi structural concrete	(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 min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One SBS-AA, SBS-TA	SBS-TA	-180.0
C-27.	Min. 2,500 psi structural concrete; ASTM D41 primed	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	SBS-AA	(Optional) One SBS-AA, SBS-TA	SBS-TA	-180.0

SEBS-APPLIED BASE PLY:

TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
C-28.	Min. 2,500 psi structural concrete	(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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
C-29.	Min. 2,500 psi structural concrete	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	SBS-SEBS	-195.0
C-30.	Min. 2,500 psi structural concrete	(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	SBS-SEBS	-262.5
C-31.	Min. 2,500 psi structural concrete	(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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-285.0
C-32.	Min. 2,500 psi structural concrete; ASTM D41 primed	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-180.0
TORCH-APPLIED BASE PLY:									
C-33.	Min. 2,500 psi structural concrete	(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.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
C-34.	Min. 2,500 psi structural concrete	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.	SBS-TA	(Optional) SBS-TA	SBS-TA	-195.0

TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO NOTE 16 FOR VAPOR BARRIER OPTIONS

Sys. No.	Deck (Note 1)	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
C-35.	Min. 2,500 psi structural concrete	(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. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-262.5

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

System No.	Deck (Note 1)	Primer	Roof Cover (Note 15)			MDP (psf)
			Base Ply	Ply	Cap Ply (Note 17)	
C-36.	Min. 2,500 psi structural concrete	None	BP-CA1, SBS-CA-1	(Optional) One or more BP-CA1, SBS-CA1	BP-CA1, SBS-CA1	-60.0
C-37.	Min. 2,500 psi structural concrete	ASTM D41	POWERply Standard Smooth HW, torch-applied	(Optional) POWERply Standard Smooth HW, torch-applied	SBS-TA	-315.0
C-38.	Min. 2,500 psi structural concrete	TREMprime WB Primer	BP-CA6, SBS-CA6	(Optional) One or more BP-CA6, SBS-CA6	BP-CA6, SBS-CA6	-372.5
C-39.	Min. 2,500 psi structural concrete	ASTM D41	APP-TA	(Optional) APP-TA	APP-TA	-465.0
C-40.	Min. 2,500 psi structural concrete	TREMprime WB Primer	BP-CA2, SBS-CA2	(Optional) One or more BP-CA2, SBS-CA2	BP-CA2, SBS-CA2	-495.0
C-41.	Min. 2,500 psi structural concrete	None	BP-CA5, SBS-CA5	(Optional) BP-CA5, SBS-CA5	BP-CA5, SBS-CA5	-802.5

TABLE 4A: LIGHTWEIGHT CONCRETE DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Base Insulation Layer		Coverboard		Roof Cover (Note 15)			MDP (psf)*
		Type	Surfacing	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
LWC-1.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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.	SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-52.5
LWC-2.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-52.5
LWC-3.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-52.5
LWC-4.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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-AA, SBS-AA	(Optional) BP-CA1, BP-CA2, , BP-AA, SBS-CA1, SBS-CA2, , SBS-AA, APP-TA	BP-CA1, BP-CA2, , BP-AA, SBS-CA1, SBS-CA2, , SBS-AA, APP-TA	-52.5
LWC-5.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-52.5
LWC-6.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-52.5

TABLE 4A: LIGHTWEIGHT CONCRETE DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Base Insulation Layer		Coverboard		Roof Cover (Note 15)			MDP (psf)*
		Type	Surfacing	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
LWC-7.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) One or more layers, Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3	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.	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-52.5

TABLE 4B: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

Sys No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Anchor Sheet			Temp Roof	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-8.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	<u>ELASTIZELL (FL4994)</u> : Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	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 Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	SBS-CA5	-45.0
LWC-9.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	<u>ELASTIZELL (FL4994)</u> : Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5 (smooth)	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	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 Board	LRFIA or LRFIA(BG), 8-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	SBS-CA5	-60.0

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

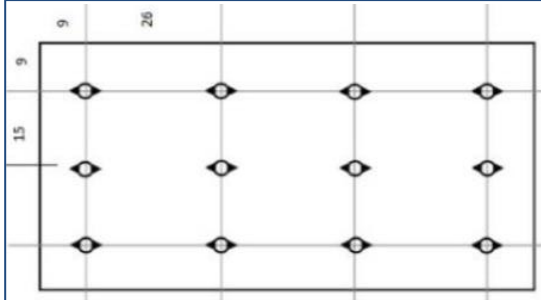
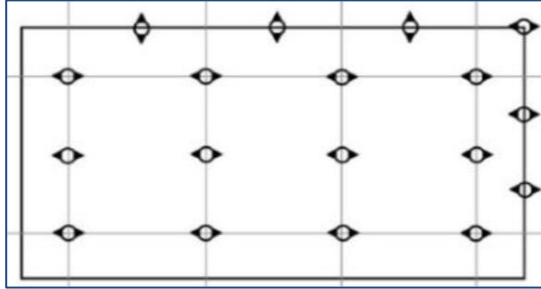
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE SF APPLIED BASE PLY:										
LWC-10.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 2.7 ft ² (12 per 4x8 ft board)	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. 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.								
LWC-11.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.8 ft ² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

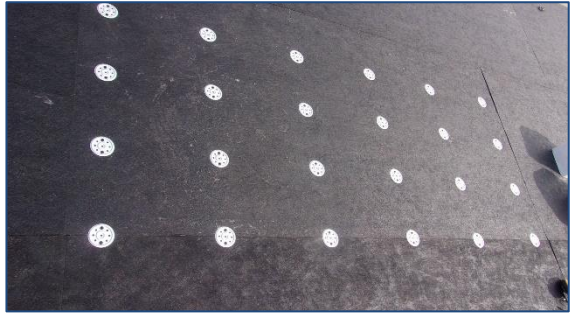
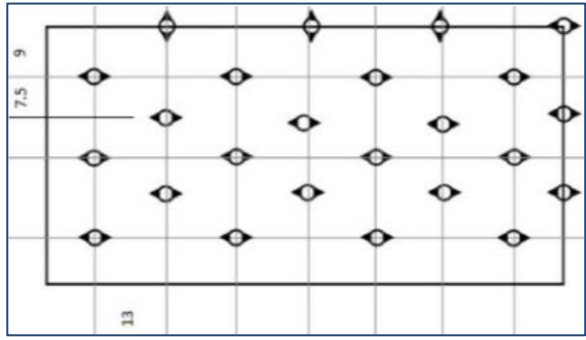
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-12.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								
LWC-13.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-97.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

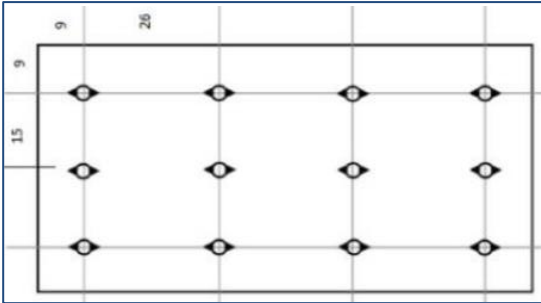
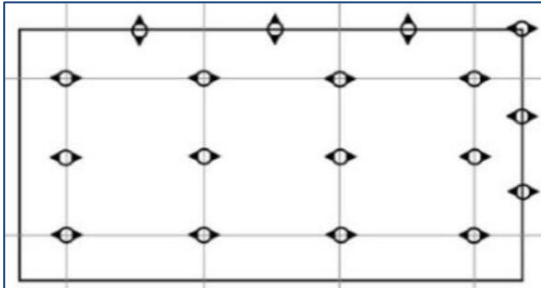
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
LWC-14.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 2.7 ft ² (12 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. 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.								
LWC-15.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.8 ft ² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

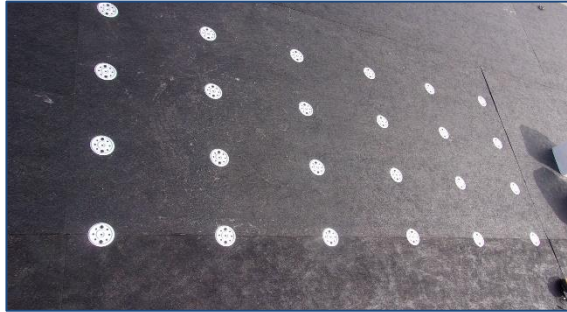
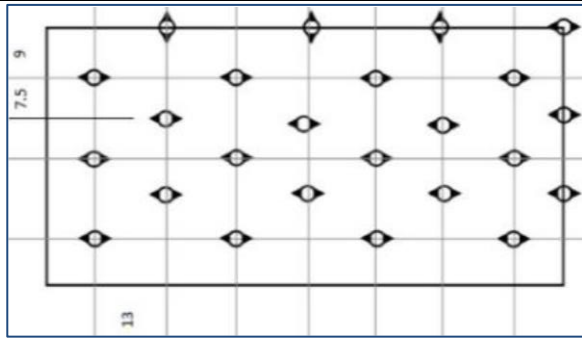
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-16.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-inch TremBoard AC	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								
LWC-17.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-97.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

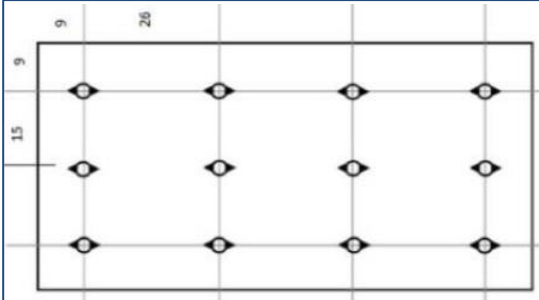
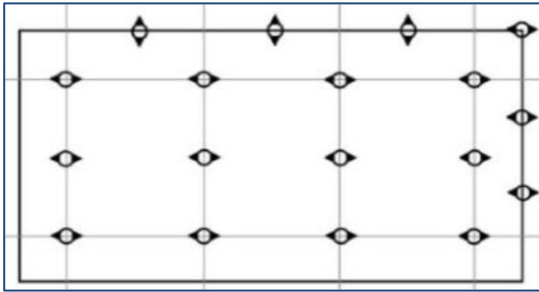
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:										
LWC-18.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 2.7 ft ² (12 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. 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.								
LWC-19.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.8 ft ² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

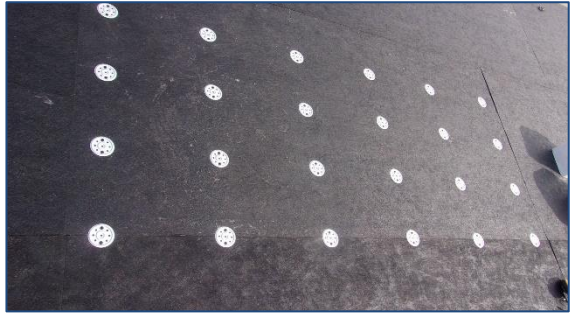
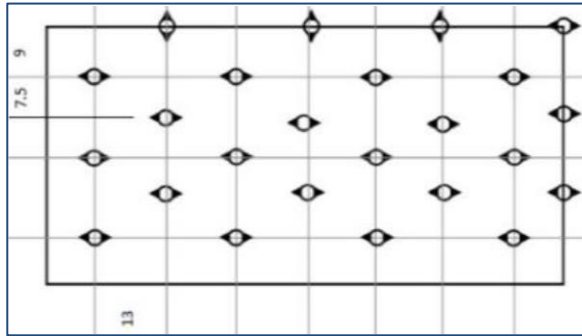
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-20.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								
LWC-21.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-97.5
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

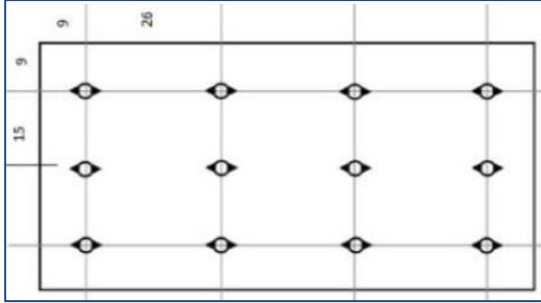
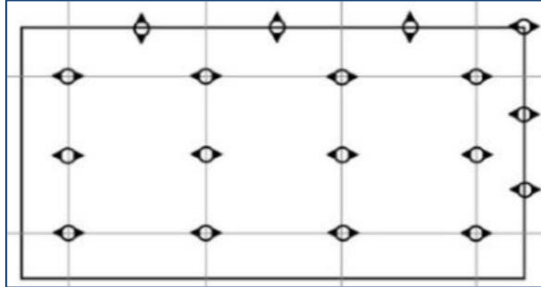
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
HOT-ASPHALT-APPLIED BASE PLY:										
LWC-22.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 2.7 ft ² (12 per 4x8 ft board)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. 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.								
LWC-23.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.8 ft ² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-AA, SBS-AA	(Optional) One or more BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-60.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

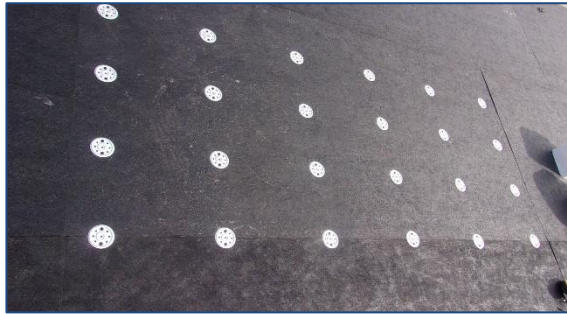
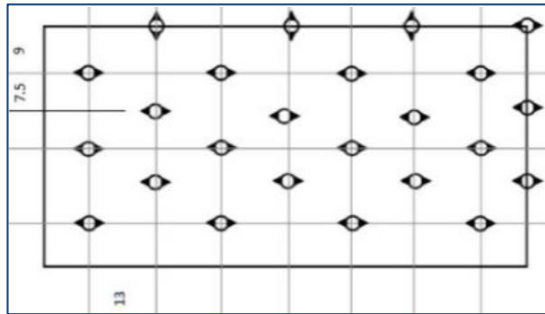
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-24.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	BP-AA (except BURmastic Glass Ply, BURmastic Glass Ply – 28 lb), SBS-AA	(Optional) BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-67.5
	<p><i>Note:</i> *Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</p>									
LWC-25.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-AA, SBS-AA	(Optional) BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-97.5
	<p><i>Note:</i> *Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</p>									

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

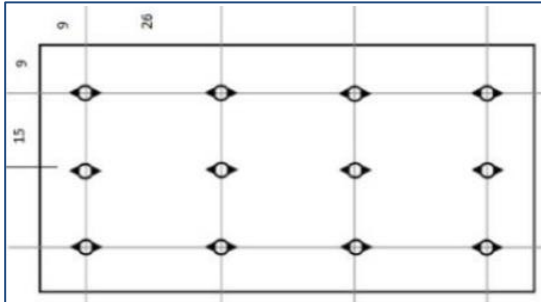
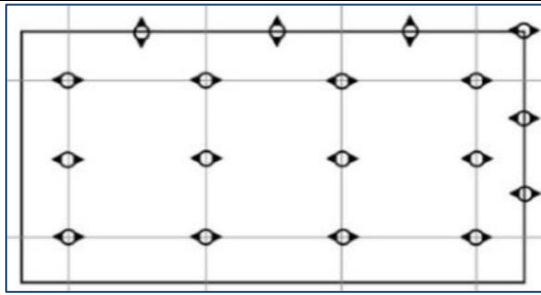
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-26.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 2.7 ft ² (12 per 4x8 ft board)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. 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>								
LWC-27.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.8 ft ² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-60.0
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

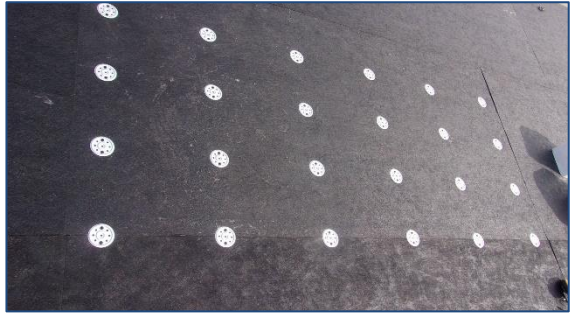
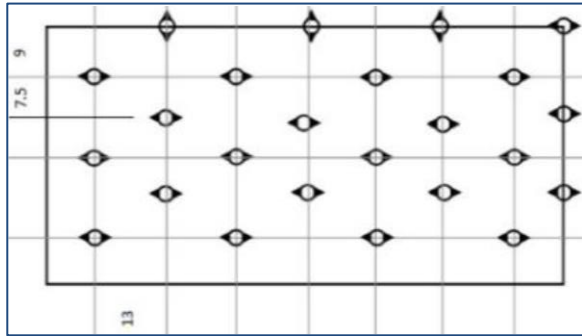
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-28.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-67.5
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								
LWC-29.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-97.5
	<i>Note:</i>	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

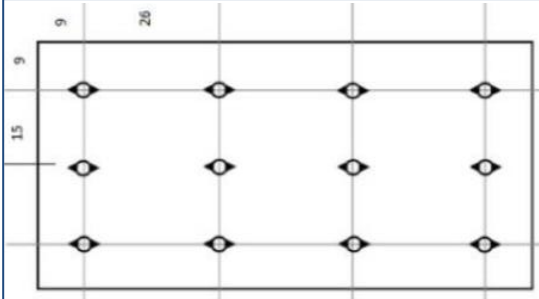
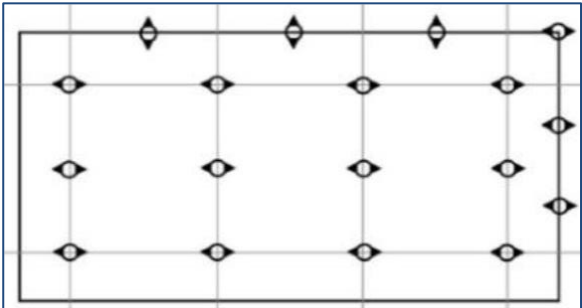
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
SEBS-APPLIED BASE PLY:										
LWC-30.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 2.7 ft ² (12 per 4x8 ft board)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. 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.								
LWC-31.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.8 ft ² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

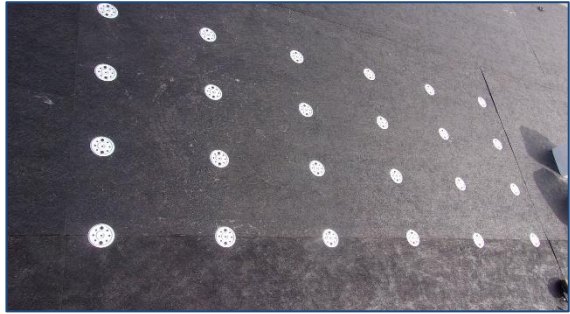
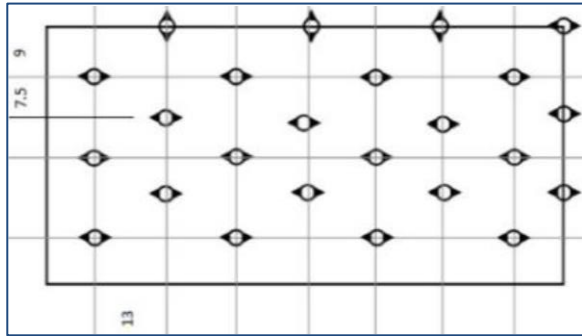
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-32.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
LWC-33.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-97.5
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

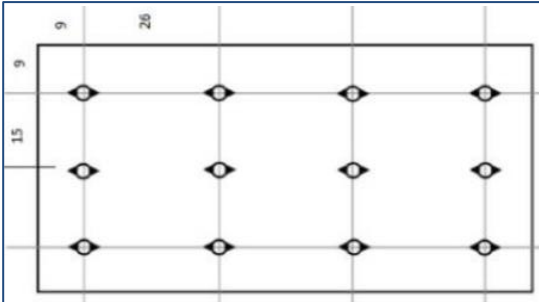
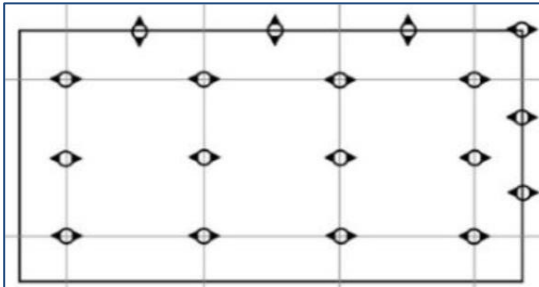
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
TORCH-APPLIED BASE PLY:										
LWC-34.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 2.7 ft ² (12 per 4x8 ft board)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. 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.								
LWC-35.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.8 ft ² (12 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
	Note:	*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 214 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.								

TABLE 4c: LIGHTWEIGHT CONCRETE DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER

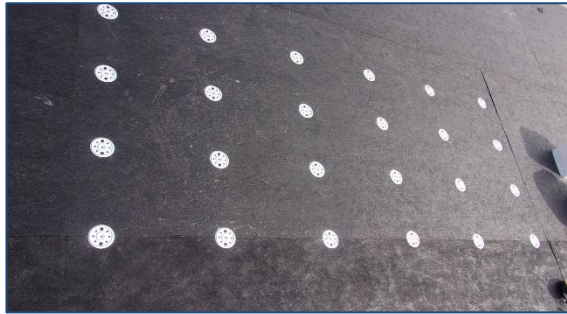
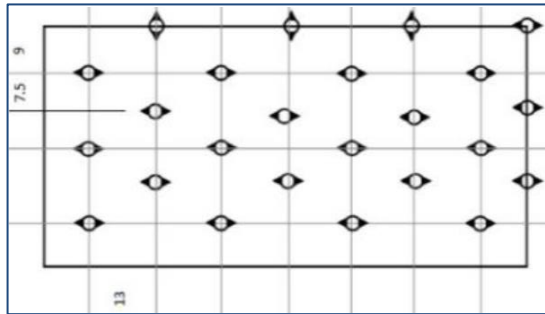
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Insulation Layer			Roof Cover (Note 15)			MDP (psf)
		Type	Surfacing	Type	Fastener (Note 11)	Top Layer Attach	Base Ply	Ply	Cap Ply (Note 17)	
LWC-36.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: Min. 0.125-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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 6 parts on long edge)	POWERply APP Smooth, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-67.5
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 180 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
LWC-37.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Pre-existent, min. 2-inch thick, min. 350 psi cellular lightweight concrete	Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	Base Layer(s): (Optional) One or more layers, min. 1-inch thick FBC Approved polyisocyanurate or mineral wool insulation, loose laid Top Layer: 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 1.3 ft ² (18 plates per 4x8 ft board in field of board, plus 1 part in corner, 2 parts on short edge and 3 parts on long edge)	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-97.5
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 259 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								

TABLE 4D: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
LWC-38.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
LWC-39.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
BURMASTIC ADHESIVE SF APPLIED BASE PLY:											
LWC-40.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
LWC-41.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
LWC-42.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											

TABLE 4D: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-43.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0
LWC-44.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
LWC-45.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
LWC-46.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-105.0
	<i>Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>										
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:											
LWC-47.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0

TABLE 4D: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-48.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
LWC-49.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
LWC-50.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	None	<u>ELASTIZELL (FL4994)</u> : Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	None	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-51.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	None	<u>ELASTIZELL (FL4994)</u> : Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	None	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.7" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
LWC-52.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-105.0
		Note:	*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance								
HOT-ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:											

TABLE 4D: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-53.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-45.0
LWC-54.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-60.0
LWC-55.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-67.5
LWC-56.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA or SBS-AA	BP-AA or SBS-AA	-105.0
	<i>Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>										
LWC-57.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0

TABLE 4D: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-58.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-60.0
LWC-59.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5
LWC-60.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA or SBS-TA	SBS-TA	-105.0
	<i>Note:</i>		<i>*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>								
SEBS-APPLIED BASE PLY:											
LWC-61.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0
LWC-62.	22 ga., type B or BV, Grade 33 steel at max. 6 ft span	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0

TABLE 4D: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-63.	22 ga., type BV, Grade 40 steel at max. 6 ft span	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-67.5
LWC-64.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	N/A	Pre-existent (re-roof only), min. 2-inch thick, 450 psi cellular lightweight concrete	N/A	(Optional) Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-105.0
Note:		<i>*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>									

TABLE 4E: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				PowerFAST (Note 15A)			Roof Cover (Note 15)		MDP (psf)
		Treatment	Type	Sealer	Surfacing	Base	Fastener (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-65.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-CA1 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with Tremco LF Adhesive</i>)	BP-CA1 or BP-CA2 (<i>laps sealed with Tremco LF Adhesive</i>) or SBS-CA1 (<i>laps hot air welded or sealed with Tremco LF Adhesive</i>)	-60.0
	<i>Note:</i>	<i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 310 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>									
LWC-66.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	12-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-60.0
	<i>Note:</i>	<i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 310 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>									
LWC-67.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	Pre-existent min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	10-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-82.5
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for full-penetration through the LWC top coat. Field withdrawal resistance testing (Note 11) shall yield minimum 355 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>									
LWC-68.	Min. 22 ga., Type BV, Grade 40 steel	Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 350 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	POWERply Heavy Duty Base Sheet	Trufast Versa Fastener (min. 2.25") & Plate; 4 screws per plate*	10-inch o.c. within the min. 5-inch wide, Tremco LF Adhesive sealed side laps and 10-inch o.c. at one (1) center row	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	BP-AA, SBS-AA, BP-SEBS, SBS-SEBS or SBS-TA	-127.5
	<i>Note:</i>	<i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 275 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>									

TABLE 4F: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:											
LWC-69.	Structural concrete, TREMprime WB Primer	BP-CA2 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
LWC-70.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
LWC-71.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
LWC-72.	Structural concrete, TREMprime WB Primer	BP-CA2 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
LWC-73.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
LWC-74.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
BURMASTIC ADHESIVE SF APPLIED BASE PLY:											
LWC-75.	Structural concrete, TREMprime WB Primer	BP-CA2 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0

TABLE 4F: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-76.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CEL CORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
LWC-77.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CEL CORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0
LWC-78.	Structural concrete, TREMprime WB Primer	BP-CA2 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CEL CORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
LWC-79.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CEL CORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
LWC-80.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CEL CORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-67.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:											
LWC-81.	Structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CEL CORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0

TABLE 4F: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-82.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0
LWC-83.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0
LWC-84.	Structural concrete, TREMprime WB Primer	BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
LWC-85.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5
LWC-86.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA6 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-67.5

POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:

TABLE 4F: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-87.	Structural concrete, TREMprime WB Primer	BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-88.	Structural concrete	BP-CA5 or SBS-CA5 (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-89.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-90.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0
LWC-91.	Structural concrete, TREMprime WB Primer	BP-CA2 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
LWC-92.	Structural concrete	BP-CA5 or SBS-CA5 (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
LWC-93.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5

TABLE 4F: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-94.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-67.5
HOT-ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:											
LWC-95.	Structural concrete, TREMprime WB Primer	BP-CA2 or BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-45.0
LWC-96.	Structural concrete, TREMprime WB Primer	BP-CA2 or BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0
LWC-97.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-45.0
LWC-98.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0
LWC-99.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037):</u> Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-45.0

TABLE 4F: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-100.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-45.0
LWC-101.	Structural concrete, TREMprime WB Primer	BP-CA2 or BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA	-67.5
LWC-102.	Structural concrete, TREMprime WB Primer	BP-CA2 or BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5
LWC-103.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-67.5
LWC-104.	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5
LWC-105.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-67.5

TABLE 4F: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)			Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Sealer	Surfacing	Base	Fasten (Note 11)	Spacing	Base Ply(s)	Cap Ply (Note 17)	
LWC-106	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	SBS-AA or SBS-TA	SBS-TA	-67.5
SEBS-APPLIED BASE PLY:											
LWC-107	Structural concrete, TREMprime WB Primer	BP-CA2 or BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-45.0
LWC-108	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-45.0
LWC-109	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	9-inch o.c. at the min. 3-inch laps and 12-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-45.0
LWC-110	Structural concrete, TREMprime WB Primer	BP-CA2 or BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-67.5
LWC-111	Structural concrete, ASTM D41 primer	SBS-TA (smooth)	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-67.5
LWC-112	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	<u>CELCORE (FL2037)</u> : Min. 440 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	For reroof (tear-off), repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	BURmastic Glass Ply or BURmastic Composite Ply HT	Tremco FM-90 Base Sheet Fastener	7-inch o.c. at the min. 3-inch laps and 7-inch o.c. at two (2) equally spaced center rows	BP-SEBS, SBS-AA	SBS-SEBS	-67.5

TABLE 4G: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: LWC TO DECK, BONDED ROOF COVER

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)				Roof Cover (Note 15)			MDP (psf)
		Deck Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply (Note 17)	
LWC-113	22 ga., type BV, Grade 40 steel at max. 6 ft span or structural concrete	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (<i>laps sealed with Tremco LF Adhesive</i>)	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
LWC-114	22 ga., type BV, Grade 40 steel at max. 6 ft span or structural concrete	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (<i>laps sealed with Tremco LF Adhesive</i>)	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

TABLE 4H: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION
SYSTEM TYPE F: TEMP ROOF TO DECK, LWC TO TEMP ROOF, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)				Roof Cover (Note 15)			MDP (psf)
			Surface Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply (Note 17)	
LWC-115.	Structural concrete, TREMprime WB Primer	BP-CA2 or BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.)	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (<i>laps sealed with Tremco LF Adhesive</i>)	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
LWC-116.	Structural concrete	BP-CA5 or SBS-CA5 (smooth)	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (<i>laps sealed with Tremco LF Adhesive</i>)	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
LWC-117.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (<i>laps sealed with Tremco LF Adhesive</i>)	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
LWC-118.	Tectum Plank	BP-CA4, ribbons 9-inch o.c.	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (<i>laps sealed with Tremco LF Adhesive</i>)	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

TABLE 4H: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION
SYSTEM TYPE F: TEMP ROOF TO DECK, LWC TO TEMP ROOF, BONDED ROOF COVER

System No.	Deck (Note 1)	Temp Roof / Vapor Barrier	Lightweight Concrete (Note 14)				Roof Cover (Note 15)			MDP (psf)
			Surface Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply (Note 17)	
LWC-119.	Structural concrete, ASTM D41 primer	SBS-TA (smooth) or POWERply APP Base Sheet, torch-applied	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (laps sealed with Tremco LF Adhesive)	(Optional) One or more BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
LWC-120.	Structural concrete, ASTM D41 primer	SBS-TA (smooth) or POWERply APP Base Sheet, torch-applied	(Optional) Celcore S-1 Deck Preparation Slurry	<u>CELCORE (FL2037):</u> Min. 370 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	Celcore SBS (Sanded Bonding Surface) at 1 gal/sq.	BP-CA4, ribbons 9-inch o.c. (laps sealed with Tremco LF Adhesive)	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0

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

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
CWF-1.	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 DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1 or SBS-CA1	-60.0
BURMASTIC ADHESIVE SF OR BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
CWF-2.	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-82.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
CWF-3.	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-82.5
HOT-ASPHALT-APPLIED BASE PLY:									
CWF-4.	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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more BP-CA2, BP-AA, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-82.5
CWF-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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-82.5
SEBS-APPLIED BASE PLY:									
CWF-6.	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS (except BURmastic Glass Ply, BURmastic Glass Ply – 28 lb or THERMglas), SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-82.5
TORCH-APPLIED BASE PLY:									
CWF-7.	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	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-82.5

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

System No.	Deck (Note 1)	Anchor Sheet			Temp Roof	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 (Note 17)	
BURMASTIC ADHESIVE SF OR BURMASTIC ADHESIVE MC APPLIED BASE PLY:													
CWF-8.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	(Optional) BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-75.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:													
CWF-9.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(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.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
HOT-ASPHALT-APPLIED BASE PLY:													
CWF-10.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	BP-AA, SBS-AA	(Optional) BP-CA2, BP-AA, SBS-CA2 or SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2 or SBS-AA	-75.0
SEBS-APPLIED BASE PLY:													
CWF-11.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
TORCH-APPLIED BASE PLY:													
CWF-12.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(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.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

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

System No.	Deck (Notes 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
G-1.	Existing gypsum or gypsum plank	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 SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board, Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
G-2.	Existing gypsum or gypsum plank	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-CA2 or SBS-CA2	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-165.0
G-3.	Existing gypsum or gypsum plank	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 SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-202.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
G-4.	Existing gypsum or gypsum plank	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) One BP-CA1 or SBS-CA1 or one or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-165.0
G-5.	Existing gypsum or gypsum plank	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 SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-202.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
G-6.	Existing gypsum or gypsum plank	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) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-157.5
G-7.	Existing gypsum or gypsum plank	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-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
G-8.	Existing gypsum or gypsum plank	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-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-202.5
HOT-ASPHALT-APPLIED BASE PLY:									
G-9.	Existing gypsum or gypsum plank	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-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2 BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA	-165.0

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

System No.	Deck (Notes 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
G-10.	Existing gypsum or gypsum plank	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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2 BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-180.0
G-11.	Existing gypsum or gypsum plank	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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0
G-12.	Existing gypsum or gypsum plank	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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
SEBS-APPLIED BASE PLY:									
G-13.	Existing gypsum or gypsum plank	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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
G-14.	Existing gypsum or gypsum plank	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 SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-202.5
TORCH-APPLIED BASE PLY:									
G-15.	Existing gypsum or gypsum plank	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.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
G-16.	Existing gypsum or gypsum plank	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-202.5

TABLE 6B: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1A: BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Notes 1 & 12)	Vapor Barrier	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 (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:										
G-17.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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 SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board, Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-60.0
BURMASTIC ADHESIVE SF APPLIED BASE PLY:										
G-18.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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-CA2 or SBS-CA2	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-165.0
G-19.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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 SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-182.5
BURMASTIC ADHESIVE MC APPLIED BASE PLY:										
G-20.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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) One BP-CA1 or SBS-CA1 or one or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-165.0
G-21.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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 SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-182.5
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:										
G-22.	Existing gypsum or gypsum plank	BP-CA5 or SBS-CA5 (smooth)	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-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
G-23.	Existing gypsum or gypsum plank	BP-CA5 or SBS-CA5 (smooth)	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-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-195.0
G-24.	Existing gypsum or gypsum plank	BP-CA5 or SBS-CA5 (smooth)	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-CA5 or SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-262.5
HOT-ASPHALT-APPLIED BASE PLY:										

TABLE 6B: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1A: BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Notes 1 & 12)	Vapor Barrier	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 (Note 17)	
G-25.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2, BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-165.0
G-26.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2, BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-180.0
G-27.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0
G-28.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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 or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
SEBS-APPLIED BASE PLY:										
G-29.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
G-30.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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 SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-182.5
TORCH-APPLIED BASE PLY:										
G-31.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	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.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
G-32.	Existing gypsum or gypsum plank	BP-CA2 or BP-CA6	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-182.5

TABLE 6c: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Temp Roof	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 (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:													
G-33.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREPrime WB primer	Min. 1.5-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	LRFIA or LRFIA(BG), 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-CA1 or SBS-CA1	(Optional) BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
BURMASTIC ADHESIVE SF APPLIED BASE PLY:													
G-34.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREPrime WB primer	Min. 1.5-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	LRFIA or LRFIA(BG), 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-CA2 or SBS-CA2	(Optional) BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
G-35.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	BP-CA2 or SBS-CA2	(Optional) BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-75.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:													
G-36.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREPrime WB primer	Min. 1.5-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	LRFIA or LRFIA(BG), 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-CA1, BP-CA2, BP-CA6, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0*
G-37.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	BP-CA6 or SBS-CA6	(Optional) BP-CA2, BP-CA6, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-75.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:													

TABLE 6c: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Temp Roof	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 (Note 17)	
G-38.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-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	LRFIA or LRFIA(BG), 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-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
G-39.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-CA5 or SBS-CA5	Min. 1.5-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	LRFIA or LRFIA(BG), 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-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
G-40.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(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.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
HOT-ASPHALT-APPLIED BASE PLY:													
G-41.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-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	LRFIA or LRFIA(BG), 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-AA, SBS-AA	(Optional) BP-CA1, BP-CA2, BP-AA, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA, APP-TA	-45.0*
G-42.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	BP-AA, SBS-AA	(Optional) BP-CA2, BP-AA, SBS-CA2, SBS-AA	BP-CA1, BP-CA2, BP-AA, SBS-CA1, SBS-CA2, SBS-AA	-75.0
G-43.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-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	LRFIA or LRFIA(BG), 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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-45.0*

TABLE 6c: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

System No.	Deck (Note 1)	Anchor Sheet			Primer or Temp Roof	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 (Note 17)	
G-44.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-75.0
SEBS-APPLIED BASE PLY:													
G-45.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREPrime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, MultiMax FA3, RESISTA, UltraMax or 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 or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
G-46.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	None	(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.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
TORCH-APPLIED BASE PLY:													
G-47.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREPrime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, MultiMax FA3, RESISTA, UltraMax or 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	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
G-48.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nails (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(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.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0

**TABLE 6D: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:							
G-49.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA1 or SBS-CA1	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-45.0*
BURMASTIC ADHESIVE SF OR BURMASTIC ADHESIVE MC APPLIED BASE PLY:							
G-50.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-45.0*
G-51.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-60.0
G-52.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-75.0
G-53.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA6 or SBS-CA6	BP-CA6 or SBS-CA6	-105.0
	Note:	*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance					
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:							
G-54.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-45.0*
G-55.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-60.0
G-56.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or two BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-75.0
G-57.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-105.0
	Note:	*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance					
HOT-ASPHALT-APPLIED BASE PLY:							
G-58.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-45.0*

**TABLE 6D: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
G-59.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-60.0
G-60.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-75.0
G-61.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA or SBS-AA	BP-AA or SBS-AA	-105.0
		<i>Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>					
G-62.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-45.0*
G-63.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-60.0
G-64.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-75.0
G-65.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-AA	SBS-TA	-105.0
		<i>Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>					
SEBS-APPLIED BASE PLY:							
G-66.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-45.0*
G-67.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-60.0
G-68.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-75.0
G-69.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	BP-SEBS, SBS-SEBS	SBS-SEBS	-105.0

**TABLE 6D: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fastener (Note 11)	Spacing	Base Ply	Cap Ply (Note 17)	
	Note:	<i>*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>					
TORCH-APPLIED BASE PLY:							
G-70.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA, SBS-TA	APP-TA, SBS-TA	-45.0*
G-71.	Existing gypsum or gypsum plank	BURmastic Glass Ply, BURmastic Glass Ply – 28 lb	Twin Loc-Nail Assembled Fastener (Field W/D > 80 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA, SBS-TA	APP-TA, SBS-TA	-60.0
G-72.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Twin Loc-Nail Assembled Fastener (Field W/D > 100 lbf)	9-inch o.c. at 4-inch lap and 9-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA, SBS-TA	APP-TA, SBS-TA	-75.0
G-73.	Existing gypsum or gypsum plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener (min. 2.25") & Plate; 3 screws per plate*	9-inch o.c. at 4-inch laps and 9-inch o.c. at two (2), equally spaced, staggered center rows	SBS-TA	SBS-TA	-105.0
	Note:	<i>*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance</i>					

TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

System No.	Substrate (Notes 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY:									
R-1.	Existing smooth-surface or granule-surface BUR, SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(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 or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board, Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA1 or SBS-CA1	(Optional) One or more BP-CA1, SBS-CA1	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2	-60.0
BURMASTIC ADHESIVE SF APPLIED BASE PLY:									
R-2.	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-CA2 or SBS-CA2	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-142.5
R-3.	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-CA2 or SBS-CA2	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-165.0
R-4.	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-CA2 or SBS-CA2	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2 or SBS-CA2	BP-CA1, BP-CA2, SBS-CA1 or SBS-CA2	-165.0
R-5.	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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-187.5
R-6.	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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-262.5
R-7.	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-CA2 or SBS-CA2	(Optional) One or more BP-CA2 or SBS-CA2	BP-CA2 or SBS-CA2	-285.0
BURMASTIC ADHESIVE MC APPLIED BASE PLY:									
R-8.	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) One BP-CA1 or SBS-CA1 or one or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-142.5

TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

System No.	Substrate (Notes 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
R-9.	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) One BP-CA1 or SBS-CA1 or one or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-165.0
R-10.	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) One BP-CA1 or SBS-CA1 or one or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA1, BP-CA2, BP-CA6, SBS-CA1, SBS-CA2 or SBS-CA6	-165.0
R-11.	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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-187.5
R-12.	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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-262.5
R-13.	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) One or more BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	BP-CA2, BP-CA6, SBS-CA2 or SBS-CA6	-285.0
POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY:									
R-14.	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 Dens Deck Prime, DEXcell FA Glass Mat Roof Board 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-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-142.5
R-15.	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, Trisotech, RESISTA	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, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-157.5
R-16.	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 DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0
R-17.	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 DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-165.0

TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

System No.	Substrate (Notes 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
R-18.	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	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-187.5
R-19.	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-CA5, SBS-CA5	(Optional) One or more BP-CA5 or SBS-CA5	BP-CA5 or SBS-CA5	-262.5
HOT-ASPHALT-APPLIED BASE PLY:									
R-20.	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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board , Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2 BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-142.5
R-21.	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-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2 BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-165.0
R-22.	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-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2 BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-165.0
R-23.	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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2 BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-180.0
R-24.	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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA	(Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA2, SBS-CA2 BP-AA, SBS-AA, APP-TA	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2, BP-AA, SBS-AA, APP-TA	-180.0
R-25.	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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board , Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-142.5
R-26.	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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0

TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

System No.	Substrate (Notes 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
R-27.	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.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-165.0
R-28.	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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
R-29.	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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-AA	(Optional) One or more SBS-AA, SBS-TA	SBS-TA	-180.0
SEBS-APPLIED BASE PLY:									
R-30.	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, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Board , Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-142.5
R-31.	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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
R-32.	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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-165.0
R-33.	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 or 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-187.5
R-34.	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-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-262.5
R-35.	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 or 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS	-285.0
TORCH-APPLIED BASE PLY:									
R-36.	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 SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-142.5
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 SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0

TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

System No.	Substrate (Notes 1 & 12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply (Note 17)	
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 SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-180.0
R-39.	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 SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-187.5
R-40.	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 SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA	-262.5