



NEMO|etc.

Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Tremco CPG, Inc.

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

PEER-TRM-006.A.R19

FL20325-R19 (NON-HVHZ)

Date of Issuance: 04/14/2016

Revision 19: 06/24/2024

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under [F.A.C. Rule 61G20-3](#) and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the **8th Edition (2023) Florida Building Code sections noted herein.**

DESCRIPTION: Tremco Modified Bitumen Roof Systems (NON-HVHZ)

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

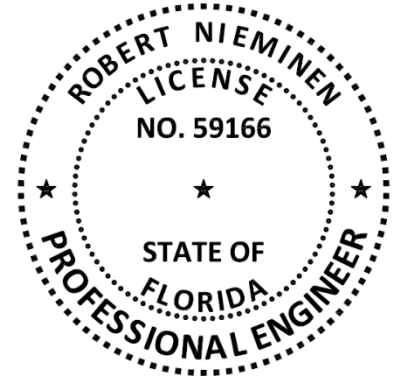
CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO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

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

INSPECTION: Upon request, a copy of this entire PEER 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 PEER consists of pages 1 through 5, plus a 142-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 PEER, 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 8th Edition (2023) Florida Building Code through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

| SECTION | PROPERTY | STANDARD |
|-----------|--------------------------------------|--|
| 1504.3.1 | Wind resistance | FM 4474 |
| 1504.6 | Physical properties | ASTM G155 |
| 1504.7 | Impact resistance | FM 4470 |
| 1507.10.2 | Material standard (asphaltic) | ASTM D2178, ASTM D4601 |
| 1507.11.2 | Material standard (modified bitumen) | ASTM D6162, ASTM D6163, ASTM D6164, ASTM D6222, ASTM D6509 |

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 | 3045650 | 09/27/12 |
| ERD (TST6049) | ASTM D4601 | TRM-SC9680.05.16 | 05/03/16 | FM (TST1867) | 4470/4474 | 3048493 | 09/24/13 |
| NEMO (TST6049) | ASTM D2178 | 4-TRM-18-002.04.18-2 | 04/27/18 | FM (TST1867) | 4470/4474 | 3051558 | 12/04/15 |
| NEMO (TST6049) | ASTM D6162 | 4S-TRM-18-002.11.18 | 11/28/18 | FM (TST1867) | 4470/4474 | 3055491 (LTR) | 02/10/16 |
| NEMO (TST6049) | ASTM D6163 | TRM-SC16860.04.18 | 04/27/18 | NEMO (TST11294) | FM 4474 | 13625.01.18-1 | 01/08/18 |
| NEMO (TST6049) | ASTM D6162 | 4q-TRM-19-SSMBB-01.B | 10/24/19 | NEMO (TST11294) | FM 4474 | 13625.01.18-3B | 01/08/18 |
| NEMO (TST6049) | ASTM D6162 | 4q-TRM-19-SSMBB-01.C | 10/24/19 | NEMO (TST11294) | FM 4474 | 13625.01.18-4B | 01/08/18 |
| NEMO (TST6049) | ASTM D6162 | 4q-TRM-19-SSMBB-01.D | 10/24/19 | NEMO (TST11294) | FM 4474 | 13625.01.18-6B | 01/09/18 |
| NEMO (TST6049) | ASTM D6163 | 4q-TRM-19-SSMBB-01.E | 10/24/19 | NEMO (TST11294) | FM 4474 | 13625.01.18-7 | 01/12/18 |
| NEMO (TST6049) | ASTM D6163 | 4q-TRM-19-SSMBB-01.F | 10/24/19 | NEMO (TST11294) | FM 4474 | TRM-CTL15770.09.17-2 | 01/15/18 |
| NEMO (TST6049) | ASTM D6164 | 4q-TRM-19-SSMBB-01.G | 10/24/19 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001.01.18-1B | 01/29/18 |
| NEMO (TST6049) | ASTM D6164 | 4q-TRM-19-SSMBB-01.H | 10/24/19 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001.05.18-1 | 05/17/18 |
| NEMO (TST6049) | ASTM D6162 | 4q-TRM-19-SSMBB-01.A | 02/07/20 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001 | 07/13/18 |
| NEMO (TST6049) | ASTM D6163 | 4q-TRM-19-SSMBB-03.A | 04/22/20 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001.07.18-1A | 07/16/18 |
| NEMO (TST6049) | ASTM D6163 | 4q-TRM-19-SSMBB-03.B | 04/22/20 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001.07.18-2A | 07/16/18 |
| NEMO (TST6049) | ASTM D6163 | 4q-TRM-19-SSMBB-03.C | 04/22/20 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001; TRM-C18 | 08/15/18 |
| NEMO (TST6049) | ASTM D6163 | 4q-TRM-19-SSMBB-03.D | 04/22/20 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001 | 10/11/18 |
| NEMO (TST6049) | ASTM D6164 | 4q-TRM-21-SSMBB-01.A | 07/20/21 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001 | 10/26/18 |
| NEMO (TST6049) | ASTM D4601 | 4q-TRM-21-SSMBB-02.A.R1 | 01/04/22 | NEMO (TST11294) | FM 4474 | 2-TRM-18-001 | 11/09/18 |
| NEMO (TST6049) | ASTM D6162 | 4q-TRM-21-SSMBB-03.A | 07/19/22 | NEMO (TST11294) | FM 4474 | 2a-TRM-19-LSWUS-01.A | 01/15/20 |
| PRI (TST5878) | ASTM D6509 | 507T0190 | 05/02/22 | NEMO (TST11294) | FM 4474 | 2a-TRM-20-LSWUS-01 | 04/08/20 |
| PRI (TST5878) | ASTM D6222 | JMC-330-02-01 | 10/17/18 | NEMO (TST11294) | FM 4474 | 2a-TRM-20-LSWUS-03.A | 09/23/20 |
| PRI (TST5878) | ASTM D6222 | JMC-330-02-03 | 10/17/18 | NEMO (TST11294) | FM 4474 | 2a-TRM-20-LSWUS-02.A | 11/11/20 |
| PRI (TST5878) | ASTM D6163 | 507T0104 | 05/11/21 | NEMO (TST11294) | FM 4474 | 2a-TRM-21-LSWUS-01.A | 01/18/22 |
| PRI (TST5878) | ASTM D6163 | 507T0105 | 05/11/21 | NEMO (TST11294) | FM 4474 | 2a-TRM-23-LSWUS-01 | 09/11/23 |
| PRI (TST5878) | ASTM D6163 | 824T0047 | 06/09/22 | NEMO (TST6049) | FM 4474 | TRM-SC13940.01.18-1B | 01/12/18 |
| ACRC (TST4671) | TAS 114 | 07-015 | 04/17/07 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006.03.18-1 | 03/27/18 |
| ERD (TST11294) | FM 4474 | JM-SC11190.03.16 | 03/11/16 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006.05.18-1 | 05/25/18 |
| ERD (TST11294) | FM 4474 | 13625.04.17; TRM-S1 | 04/06/17 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006; TRM-C13 | 06/28/18 |
| ERD (TST11294) | FM 4474 | 13625.04.17-1; TRM-S2 | 04/20/17 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006; TRM-C18 | 07/26/18 |
| ERD (TST11294) | FM 4474 | 13625.05.17-1-R1 | 06/05/17 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006.08.18-1 | 08/02/18 |
| ERD (TST11294) | FM 4474 | 13625.05.17-2A | 06/05/17 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006.08.18-2 | 08/02/18 |
| ERD (TST11294) | FM 4474 | 13625.07.17-2 | 07/20/17 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006.08.18-3 | 08/02/18 |
| ERD (TST11294) | FM 4474 | 15770.09.17-2 | 09/20/17 | NEMO (TST6049) | FM 4474 | 2-TRM-18-001; TRM-B7 | 08/10/18 |
| ERD (TST11294) | FM 4474 | 13625.11.17-2 | 12/07/17 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006.11.18 | 11/20/18 |
| ERD (TST11294) | FM 4474 | 13625.12.17-2B | 12/21/17 | NEMO (TST6049) | FM 4474 | 4-TRM-18-006; TRM-C23 | 12/04/18 |
| ERD (TST6049) | FM 4474 | 4674.11.01-1 | 11/21/01 | NEMO (TST6049) | FM 4474 | 4a-TRM-19-LSWUS-02.A | 03/18/19 |
| ERD (TST6049) | FM 4474 | 2011.K39690SC | 08/20/12 | NEMO (TST6049) | FM 4474 | 4a-TRM-19-LSWUS | 06/11/19 |
| ERD (TST6049) | FM 4474 | TRM-SC6775.12.14 | 12/31/14 | NEMO (TST6049) | Criticality | 4i-TRM-19-SSCRT | 06/17/19 |
| ERD (TST6049) | FM 4474 | TRM-SC6775.01.15 | 01/02/15 | NEMO (TST6049) | FM 4474 | 4a-TRM-20-LSWUS-01.A | 06/15/20 |
| ERD (TST6049) | FM 4474 | TRM-SC6775.11.15-09-1 | 11/12/15 | NEMO (TST6049) | FM 4474 | 4a-TRM-20-LSWUS-04.A | 11/17/20 |
| ERD (TST6049) | FM 4474 | TRM-SC9625.11.15-2-R1 | 11/17/15 | NEMO (TST6049) | Criticality | 4i-TRM-20-SSCRT-02.A | 11/17/20 |
| ERD (TST6049) | FM 4474 | 11675.06.16-1 | 06/08/16 | NEMO (TST6049) | Criticality | 4i-TRM-20-SSCRT-01.A | 05/06/21 |

| ENTITY | EXAMINATION | REFERENCE | DATE | ENTITY | EXAMINATION | REFERENCE | DATE |
|---------------|-------------|------------------------|----------|------------------|--------------|-------------------------|----------|
| ERD (TST6049) | FM 4474 | 11090.07.16-1 | 07/18/16 | NEMO (TST6049) | FM 4474 | 4a-TRM-21-LSWUS-01.A | 06/15/21 |
| ERD (TST6049) | FM 4474 | 12530.10.16-2; TRM-20A | 10/11/16 | NEMO (TST6049) | FM 4474 | 4a-TRM-21-LSWUS-02.A | 10/08/21 |
| ERD (TST6049) | FM 4474 | 12935.10.16; TRM-21 | 10/11/16 | NEMO (TST6049) | FM 4474 | 4a-TRM-21-LSWUS-04.A | 10/08/21 |
| ERD (TST6049) | FM 4474 | 11090.10.16-1 | 10/20/16 | NEMO (TST6049) | FM 4474 | 4i-TRM-21-SSCRT-02.A | 11/11/21 |
| ERD (TST6049) | FM 4474 | 11675.10.16; TRM-19 | 10/20/16 | NEMO (TST6049) | Criticality | 4i-DAP-21-SSCRT-01.A.R1 | 03/03/22 |
| ERD (TST6049) | FM 4474 | TRM-SC13940.09.17 | 09/20/17 | NEMO (TST6049) | FM 4474 | 4a-TRM-22-LSWUS-01.A | 05/24/22 |
| FM (TST1867) | 4470/4474 | 3002823 | 04/01/99 | NEMO (TST6049) | FM 4474 | 4a-TRM-22-LSWUS-02.A | 05/24/22 |
| FM (TST1867) | 4470/4474 | 4D2A3.AM | 09/04/99 | NEMO (TST6049) | Criticality | 4i-TRM-22-SSCRT-03.A | 06/27/22 |
| FM (TST1867) | 4470/4474 | 3005298 | 05/10/02 | NEMO (TST6049) | Criticality | 4i-TRM-22-SSCRT-04.A | 10/12/22 |
| FM (TST1867) | 4470/4474 | 3018579 | 10/09/03 | NEMO (TST6049) | Criticality | 4u-ACES-23-SSMFP-01.A | 05/24/23 |
| FM (TST1867) | 4470/4474 | 3018436 | 02/09/04 | NEMO (TST6049) | Criticality | 4i-ACES-23-SSCRT-01 | 08/30/23 |
| FM (TST1867) | 4470/4474 | 3018437 | 02/09/04 | NEMO (TST6049) | Criticality | 4i-TRM-23-SSCRT.01.A.R1 | 11/07/23 |
| FM (TST1867) | 4470/4474 | 3015502 | 12/30/04 | NEMO (TST6049) | FM 4474 | 4a-TRM-23-LSWUS-04.A | 11/20/23 |
| FM (TST1867) | 4470/4474 | 3026215 | 05/19/06 | NEMO (TST6049) | Criticality | 4i-TRM-23-SSCRT.03.A | 03/18/24 |
| FM (TST1867) | 4470/4474 | 3027863 | 11/08/06 | NEMO (TST6049) | FM 4474 | 4a-TRM-23-LSWUS-03.A | 03/27/24 |
| FM (TST1867) | 4470/4474 | 3025185 | 05/22/07 | PRI (TST5878) | FM 4474 | TRE-162-02-02 | 06/22/15 |
| FM (TST1867) | 4470/4474 | 3033461 | 09/16/08 | NEMO | Traceability | NE-FRM-0025-01 | 06/11/21 |
| FM (TST1867) | 4470/4474 | 3039057 | 04/21/11 | NEMO | Traceability | NE-FRM-0025-01 | 06/11/21 |
| FM (TST1867) | 4470/4474 | 3043423 | 12/14/11 | NEMO | Traceability | TRFM-0020-JM | 02/28/23 |
| FM (TST1867) | 4470/4474 | 3043018 | 01/27/12 | NEMO | Traceability | NE-FRM-0025-01-GAF | 11/21/23 |
| FM (TST1867) | 4470/4474 | 3045534 | 04/04/12 | UL LLC (QUA9625) | Traceability | L14A, MLA | 12/27/22 |
| FM (TST1867) | 4470/4474 | 3040922 | 06/13/12 | UL (QUA9625) | QA | Service Confirmation | 06/02/22 |
| | | | | UL (QUA9625) | QA | Florida BCIS | Current |

4. PRODUCT DESCRIPTION:

This PEER covers **Tremco Modified Bitumen Roof Systems** installed in accordance with **Tremco** published installation instructions and the [Limitations 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 |
| 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 SBS Base HW | D6162 | III | S | TX |
| | 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 |

| TABLE 1 (CONTINUED): EVALUATED MEMBRANES | | | | | |
|--|----------------------------|-------------------|------|-------|----------|
| TYPE | PRODUCT | MATERIAL STANDARD | | | PLANT(S) |
| | | REFERENCE | TYPE | GRADE | |
| SBS, GRANULE SURFACE | POWERply Endure 300 FR | D6162 | III | G | OH |
| | POWERply Endure 320 FR | D6162 | III | G | OH |
| | POWERply SBS Deluxe HW | D6162 | III | G | TX |
| | POWERply Standard | D6163 | I | G | OH |
| | POWERply Standard FR | D6163 | I | G | OH |
| | POWERply Standard FR GT24C | D6163 | I | G | AR |
| | POWERply Standard FR HW | D6163 | I | G | OH |
| | POWERply Endure 100 FR | D6163 | III | G | OH |
| | POWERply 3GR | D6164 | I | 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 PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER 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 PEER 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 PEER 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](#) or [RAS 137](#). Assemblies marked with an asterisk* carry the limitations set forth in **Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29** for Zone 2/3 enhancements.
- 5.7.3 For assemblies with all components fully bonded in place, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with **FBC Chapter 16**. No rational analysis is permitted for these systems.
- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on [Page 1](#) of this PEER.

6. INSTALLATION:

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

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

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

9. QUALITY ASSURANCE ENTITY:

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

- THE 142-PAGES THAT FOLLOW FORM PART OF THIS PEER -

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 | 8 |
| 1B | Wood | New, Reroof (Tear-Off) or Recover | B-1 | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover | 15 |
| 1C | Wood | New, Reroof (Tear-Off) | B-2 | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover | 19 |
| 1D | Wood | New or Reroof (Tear-Off) | B-3 | Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover | 21 |
| 1E | Wood | New, Reroof (Tear-Off) or Recover | C-1 | Mechanically Attached Insulation, Bonded Roof Cover | 22 |
| 1F | Wood | New, Reroof (Tear-Off) or Recover | D-2 | Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover | 26 |
| 1G | Wood | New, Reroof (Tear-Off) or Recover | D-2 | Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover | 27 |
| 1H | Wood | New, Reroof (Tear-Off) or Recover | E-2 | Non-Insulated, Mechanically Attached Base Sheet (screws & plates), Bonded Roof Cover | 30 |
| 1I | Wood | New, Reroof (Tear-Off) or Recover | E-2 | Non-Insulated, Mechanically Attached PowerFAST, Bonded Roof Cover | 30 |
| 2A | Steel | New, Reroof (Tear-Off) | A-1 | Bonded Insulation, Bonded Roof Cover | 31 |
| 2B | Steel | New, Reroof (Tear-Off) | A-3 | Bonded Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover | 41 |
| 2C | Steel or Structural Concrete | New, Reroof (Tear-Off) or Recover | B-1 | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover | 44 |
| 2D | Steel | New, Reroof (Tear-Off) | B-2 | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover | 61 |
| 2E | Steel or Structural Concrete | New, Reroof (Tear-Off) or Recover | C-1 | Mechanically Attached Insulation, Bonded Roof Cover | 73 |
| 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 |
| 3A | Structural Concrete | New or Reroof (Tear-Off) | A-1 | Bonded Insulation, Bonded Roof Cover | 88 |
| 3B | Structural Concrete | New or Reroof (Tear-Off) | F | Non-Insulated, Bonded Roof Cover | 94 |
| 4A | Deck with Lightweight concrete | Reroof (Tear-Off) | A-1 | LWC to Deck, Bonded Insulation, Bonded Roof Cover | 95 |
| 4B | Deck with Lightweight concrete | New, Reroof (Tear-Off) | B-3 | Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover | 96 |
| 4C | Deck with Lightweight concrete | Reroof (Tear-Off) or Recover | C-1 | LWC to Deck, Mechanically Attached Insulation, Bonded Roof Cover | 98 |
| 4D | Deck with Lightweight concrete | New, Reroof (Tear-Off) | E-2 | LWC to Deck, Mechanically Attached Base Sheet, Bonded Roof Cover | 110 |
| 4E | Deck with Lightweight concrete | New, Reroof (Tear-Off) or Recover | E-2 | LWC to Deck, Mechanically Attached PowerFAST, Bonded Roof Cover | 115 |
| 4F | Deck with Lightweight concrete | New, Reroof (Tear-Off) | E-2 | Vapor Barrier to Deck, LWC to Vapor Barrier, Mechanically Attached Base Sheet, Bonded Roof Cover | 116 |
| 4G | Deck with Lightweight concrete | New, Reroof (Tear-Off) | F | LWC to Deck, Bonded Roof Cover | 121 |
| 4H | Deck with Lightweight concrete | New, Reroof (Tear-Off) | F | Vapor Barrier to Deck, LWC to Vapor Barrier, Bonded Roof Cover | 122 |
| 5A | Cementitious wood fiber | New, Reroof (Tear-Off) | A-1 | Bonded Insulation, Bonded Roof Cover | 123 |
| 5B | Cementitious wood fiber | New, Reroof (Tear-Off) or Recover | B-3 | Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover | 125 |
| 6A | Existing gypsum | Reroof (Tear-Off) | A-1 | Bonded Insulation, Bonded Roof Cover | 127 |
| 6B | Existing gypsum | Reroof (Tear-Off) | A-1a | Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover | 129 |
| 6C | Existing gypsum | Reroof (Tear-Off) or Recover | B-3 | Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover | 131 |
| 6D | Existing gypsum | Reroof (Tear-Off) or Recover | E-2 | Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover | 136 |
| 7A | Various | Recover | A-1 | Bonded Insulation, Bonded Roof Cover | 139 |

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 OR NOA | 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 ¼-inch plywood penetration or wood plank embedment |
| | Ace Screws | FL41667 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate (with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board) | |
| | 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 ¼-inch steel penetration and engage the top flute of the steel deck |
| | Ace Screws | FL41667 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate (with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board) | |
| | 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 |
| | Ace Screws | FL41667 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate (with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board) | |
| | 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: Unless otherwise noted, use FBC Approved roofing fasteners and plates and refer to Section 2.2.10.1.3 of [FM Loss Prevention Data Sheet 1-29](#).
- 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.
 - If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer.
 - When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.
 - The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

| INSULATION ADHESIVE REFERENCES | | | | | |
|--------------------------------|---|-----------|-----------------------------------|--|---|
| By | ADHESIVE | REFERENCE | MINIMUM RATE | NOTE | |
| Tremco CPG | Tremco Low Rise Foam Insulation Adhesive | LRFIA | Continuous ribbons, 12-inch o.c. | Refer to Note 17 for allowable alternates | |
| | Tremco Low Rise Foam Insulation Adhesive (BG) | LRFIA(BG) | Continuous ribbons, 12-inch o.c. | | |
| | Tremco PSF Adhesive | PSFA | Continuous ribbons, 12-inch o.c. | Tremco PSF Adhesive may be used as an alternate to LRFIA or LRFIA(BG) with the following substrates: | |
| | | | | SUBSTRATE USE | SUBSTRATE OPTIONS |
| | | | | Deck: | plywood, OSB, steel, structural concrete, Tectum and existing gypsum deck |
| | | | | Vapor Barrier: | AVC Max, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Endure 200 Smooth or POWERply Standard Smooth HW |
| | | | | Insulation: | Trisotech G or Trisotech CGF |
| Coverboard: | TremBoard AC, DEXcell Cement Roof Board, Structodek HD with Primed Red Coating, DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roor Board | | | | |
| Recover substrate: | Existing smooth-surface or granule-surface BUR or SBS modified bitumen | | | | |
| 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](#).
- 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](#) or [RAS 137](#). Assemblies marked with an asterisk* carry the limitations set forth in Section 2.2.10.1 of [FM Loss Prevention Data Sheet 1-29](#) for Zone 2/3 enhancements.
- 10 For assemblies with all components fully bonded, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16. No rational analysis is permitted for these systems.
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing and analysis shall be in accordance with [ANSI/SPRI FX-1](#) or [Testing Application Standard TAS 105](#). 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](#)). 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 | POWERply Standard Cold Adhesive or BURmastic Adhesive at full-coverage, 1.5-2.0 gal/square |
| | Cap Ply: | BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT 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 | POWERply Endure BIO Adhesive TF at full-coverage, 2.0 gal/square |
| | Cap Ply: | POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, POWERply Endure 200 FR | |
| BP-CA4 | Base Ply or Ply: | BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT 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 | POWERply Endure BIO Adhesive TF at full-coverage, 2.0 gal/square |
| | Cap Ply: | BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT 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: | POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, 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 Adhesive MC at full-coverage, 2.0 gal/square |
| | Cap Ply: | BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT 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: | POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Endure 100 FR, POWERply 3GR, 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 | Hot asphalt at 20-40 lbs/square |
| | Cap Ply: | BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT 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: | POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, POWERply Endure 200 FR | |

| MEMBRANE / ADHESIVE COMBINATIONS | | | |
|----------------------------------|------------------|--|-----------------------------------|
| REFERENCE | LAYER | MATERIAL | APPLICATION |
| 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 | 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 : | POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Endure 300 FR, POWERply Endure 320 FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR GT24C, POWERply Endure 100 FR, POWERply 3GR, 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 : | POWERply SBS Deluxe HW, POWERply Standard FR HW | |
| APP-TA | Base Ply or Ply: | One or more POWERply APP Base Sheet, POWERply APP Smooth | |
| | Cap Ply : | 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 |

15B For Base Ply applications BP-CA5 and BP-CA6, substrates of Structodek HD with Primed Red Coating, DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board and SECUROCK Gypsum-Fiber Roof Board may be primed with DETEC “TruGround Conductive Primer” prior to Base Ply installation.

15C 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 OR NOA |
| 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 BURmastic Adhesive or POWERply Standard Cold Adhesive at 4 to 5 gal./sq. followed by embedded gravel at 400 lbs/square | FL3818 |
| SURF-6. | 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-7. | ICE Coating at 4 to 5 gal./sq. | FL3818 |
| SURF-8. | Geogard Base Coat or Geogard LO Base Coat followed by Geogard Finish Coat | FL16939 |
| SURF-9. | Solargard 6083, Solargard 4083, Solargard 2083, TremPro Elastomeric 2400 Roof Coating or TremPro Elastomeric 2200 | FL16939 |
| SURF-10. | TremLastic S at 4 to 5 gal./sq. | FL3818 |

16 **Thermal Barrier and/or Vapor Barrier Options:**

16A **Wood Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

| VAPOR BARRIER OPTIONS; STEEL DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION | | | | | |
|--|--|----------------|---------------|--|-----------|
| OPTION # | PRIMER | VAPOR BARRIER | | ADHESIVE PER TABLE 1A (NOTES 6,7,8) | MDP (psf) |
| | | TYPE | APPLICATION | | |
| W-VB-1. | Tremco AVC Membrane Primer or AVC Membrane Primer (WB) | Tremco AVC Max | Self-adhering | LRFIA, LRFIA(BG) or PSFA, 12-inch o.c. | -52.5 |
| W-VB-2. | Tremco AVC Membrane Primer or AVC Membrane Primer (WB) | Tremco AVC Max | Self-adhering | LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. | -75.0 |

16B **Steel Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

| VAPOR BARRIER OPTIONS; STEEL DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION | | | | | |
|--|---|----------------|---------------|--|-----------|
| OPTION # | PRIMER | VAPOR BARRIER | | ADHESIVE PER TABLE 2A (NOTES 6,7,8) | MDP (psf) |
| | | TYPE | APPLICATION | | |
| S-VB-1. | (Optional) Tremco AVC Membrane Primer or AVC Membrane Primer (WB) | Tremco AVC Max | Self-adhering | LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. | -90.0 |

16C **Structural Concrete Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

| VAPOR BARRIER OPTIONS; STRUCTURAL CONCRETE DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION | | | | | |
|--|---|---|---|--|-----------|
| OPTION # | PRIMER | VAPOR BARRIER | | ADHESIVE PER TABLE 3A (NOTES 6,7&8) | MDP (psf) |
| | | TYPE | APPLICATION | | |
| C-VB-1. | Tremco AVC Primer | Tremco AVC Membrane | Self-adhering | LRFIA or LRFIA(BG) | -150.0 |
| C-VB-2. | Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB) | Tremco AVC Max | Self-adhering | LRFIA or LRFIA(BG) | -150.0 |
| C-VB-3. | ASTM D41 | THERMglas IV, THERMglas Premium VI | hot asphalt | hot asphalt | -225.0 |
| C-VB-4. | None | BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green | BURmastic Adhesive MC at 2 gal/square | LRFIA or LRFIA(BG) | -250.0 |
| C-VB-5. | None | BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green | POWERply Endure BIO Adhesive TF at 2 gal/square | LRFIA or LRFIA(BG) | -262.5 |
| C-VB-6. | None | POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Endure 200 Smooth | POWERply Endure BIO Adhesive TF at 2 gal/sq. | LRFIA or LRFIA(BG) | -292.5 |
| C-VB-7. | TREMprime WB Primer | POWERply Standard Smooth HW | Torch-applied | LRFIA or LRFIA(BG) | -345.0 |

16D For System Types B-1, B-2, C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or Tremco AVC Membrane or Tremco AVC Max (self-adhering) may be installed atop the roof deck prior to installation of the insulation and roof cover. Refer to FM Loss Prevention Data Sheet 1-29 for design and installation recommendations and limitations.

17 The following products are interchangeable within the scope of this PEER:

| ACCEPTABLE ALTERNATES | | | | |
|-----------------------|------------------------|---|--|---------------------------------|
| SUB-CATEGORY | BY | LISTED PRODUCT HEREIN | ALTERNATE | |
| | | | PRODUCT | FBC FILE OR NOA |
| 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 | |

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

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | |
| W-1. | 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) | <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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -52.5* |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | |
| W-2. | 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) | <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) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |
| W-3. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board SECUROCK Cement Roof Board | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| W-4. | Min. 15/32-inch plywood at max. 24-inch span | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0* |
| W-5. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board SECUROCK Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |

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

| 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 | |
| W-6. | 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) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -75.0 |
| W-7. | Min. 15/32-inch plywood at max. 24-inch span | Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | None | N/A | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -97.5 |
| W-8. | 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) | <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-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -97.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | |
| W-9. | 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) | <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) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |
| W-10. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <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-11. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment) | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0* |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| W-12. | Min. 15/32-inch plywood at max. 24-inch span | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <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) <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-13. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -67.5 |
| W-14. | 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) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -75.0 |
| W-15. | Min. 15/32-inch plywood at max. 24-inch span | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -97.5 |
| W-16. | Min. 15/32-inch plywood at max. 24-inch span | Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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-17. | 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) | <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) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -52.5 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| W-18. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0 |
| 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) | <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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0* |
| W-20. | 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) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -75.0 |
| W-21. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | None | N/A | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -97.5 |
| 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -97.5 |
| W-23. | 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) | <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) | 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
 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| W-24. | Min. 15/32-inch plywood at max. 24-inch span | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -60.0 |
| 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) | <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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -60.0* |
| W-26. | 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) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -75.0 |
| W-27. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | None | N/A | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -97.5 |
| W-28. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -97.5 |
| SEBS-APPLIED BASE PLY: | | | | | | | | | |
| W-29. | 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) | <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) | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -52.5 |

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

| 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 | |
| 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0 |
| W-31. | 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) | <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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0* |
| W-32. | 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) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -75.0 |
| W-33. | Min. 15/32-inch plywood at max. 24-inch span | Min. 0.5-inch DensDeck Prime | LRFIA or LRFIA(BG) | None | N/A | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -97.5 |
| W-34. | Min. 15/32-inch plywood at max. 24-inch span | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -97.5 |
| W-35. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | None | N/A | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -112.5 |

TORCH-APPLIED BASE PLY:

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

| 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 | |
| W-36. | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -60.0 |
| 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) | <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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-TA | (Optional) SBS-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) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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) | 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) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | 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) | 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) | None | N/A | POWERply Standard Smooth HW | (Optional) SBS-TA | SBS-TA | -112.5 |
| W-43. | Min. 15/32-inch plywood at max. 24-inch span | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | None | N/A | APP-TA | (Optional) APP-TA | APP-TA | -112.5 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| W-44. | Min. 15/32-inch plywood at max. 24-inch span | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | None | N/A | SBS-TA | (Optional) SBS-TA | SBS-TA | -112.5 |

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

| System No. | Deck (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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | | |
| W-45. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -52.5 |
| W-46. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -52.5* |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | |
| W-47. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| W-48. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| W-49. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0* |
| W-50. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -82.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | |
| W-51. | Min. 15/32-inch CDX plywood; 24" span | Min. 1.5-inch Trisotech or Trisotech G | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1.5-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC, min. 0.25-inch DenDeck, 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) | POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endur BIO Adhesive TF | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endur BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endur BIO Adhesive TF | -45.0 |
| W-52. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| W-53. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0 |
| W-54. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 (no extrapolation permitted for ribbon attachment) | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0* |
| W-55. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <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-56. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | | | | |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0* |
| W-58. | Min. 15/32-inch CDX plywood; 24" span | Min. 1.5-inch Trisotech or Trisotech G | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1.5-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, 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 | Hot asphalt | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0 |
| W-59. | Min. 15/32-inch CDX plywood; 24" span | Min. 1.5-inch Trisotech or Trisotech G | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1.5-inch base insulation <u>Coverboard</u> : Min. 1-inch MonoBoard Plus | Hot asphalt | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0* |
| SEBS-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 Fastener with Tremco 3" Metal Insulation Plate or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0* |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| W-61. | Min. 15/32-inch CDX plywood; 24" span | Min. 1.5-inch Trisotech or Trisotech G | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² | Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, 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 | Hot asphalt | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0 |
| W-62. | Min. 15/32-inch CDX plywood; 24" span | Min. 1.5-inch Trisotech or Trisotech G | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² | Additional Insulation Layer(s): (Optional) Min. 1.5-inch base insulation Coverboard: Min. 1-inch MonoBoard Plus | Hot asphalt | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0* |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---------------------------------------|--|---|---------------------------|---|---|----------------------|----------------------|--|-------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | | |
| W-63. | Min. 15/32-inch CDX plywood; 24" span | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 | Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -45.0* |
| W-64. | Min. 15/32-inch CDX plywood; 24" span | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -45.0* |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---------------------------------------|--|---|---------------------------|---|---|---------------------------------|----------------------|--|-------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| W-65. | Min. 15/32-inch CDX plywood; 24" span | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -90.0 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | |
| W-66. | Min. 15/32-inch CDX plywood; 24" span | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 or min. 7/16-inch DEXcell 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* |
| W-67. | Min. 15/32-inch CDX plywood; 24" span | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 or min. 7/16-inch DEXcell 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 1D: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck (Note 1) | Anchor Sheet | | | Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---|---|--|---|--|--|---|--|---|--------------------------------------|--|-------------------|------------------------------|
| | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | | | | |
| W-69. | 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-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -97.5 |
| | | | | | | | | | | | | | |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | | | |
| W-70. | 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 |
| | | | | | | | | | | | | | |
| SEBS-APPLIED BASE PLY: | | | | | | | | | | | | | |
| W-71. | 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 or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -127.5 |
| | | | | | | | | | | | | | |
| TORCH-APPLIED BASE PLY: | | | | | | | | | | | | | |
| W-72. | 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 |
| | | | | | | | | | | | | | |

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

| System No. | Deck (Note 1) | Base Insulation (Note 3, Note 13) | Top Insulation | | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---|---|--|--|---|----------------------|---|------------------------------------|--------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 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.</i> | | | | | | | | |
| 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -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.</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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -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.</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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -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.</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 | 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: *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.</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 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: *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.</i> | | | | | | | | |
| 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 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: *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.</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 3 , Note 13) | Top Insulation | | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------------|---|---|--|--|--|--|---|--|--------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| 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 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: *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.</i> | | | | | | | | |
| W-81. | Min. 15/32-inch CDX plywood; 24" span | One or more layers, any combination, min. 1.5-inch total thickness, loose laid | Min. 0.25-inch DenDeck, 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 | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF | -60.0 |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | | | |
| 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. 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-AA, SBS-AA | (Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</i> | | | | | | | | |
| W-83. | 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 | 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</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 | 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</i> | | | | | | | | |
| W-85. | 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 | 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</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 3 , Note 13) | Top Insulation | | | Roof Cover (Note 15) | | | MDP (psf) |
|-------------------------------|--|---|--|--|--|--|---|--|--------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| W-86. | Min. 15/32-inch CDX plywood; 24" span | One or more layers, any combination, min. 1.5-inch total thickness, loose laid | Min. 0.25-inch DenDeck, 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 | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | POWERply Endure 100, 200, 300 or 320 FR in hot asphalt | -60.0 |
| W-87. | 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) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-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.</i> | | | | | | | |
| W-88. | 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 | 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:</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.</i> | | | | | | | |
| W-89. | 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 | 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:</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.</i> | | | | | | | |
| W-90. | 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 | 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:</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.</i> | | | | | | | |
| SEBS-APPLIED BASE PLY: | | | | | | | | | |
| W-91. | 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-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -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.</i> | | | | | | | |
| W-92. | 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-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -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.</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 3, Note 13) | Top Insulation | | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------|---|---|--|--|---|--|---|--|--------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| W-93. | 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-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.</i> | | | | | | | | |
| W-94. | 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-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.</i> | | | | | | | | |
| W-95. | Min. 15/32-inch CDX plywood; 24" span | One or more layers, any combination, min. 1.5-inch total thickness, loose laid | Min. 0.25-inch DenDeck, 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 | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80 | -60.0 |
| TORCH-APPLIED BASE PLY: | | | | | | | | | |
| 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 | 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.</i> | | | | | | | | |
| 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. ¼-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) | 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.</i> | | | | | | | | |
| W-98. | 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.</i> | | | | | | | | |
| W-99. | 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; 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.</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 3, Note 13) | Top Insulation | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|--|--|--|-----------------------------|---------------------------|----------------|-----------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| W-100. | 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: *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.</i> | | | | | | | | |
| W-101. | 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 | 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: *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.</i> | | | | | | | | |
| W-102. | 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: *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.</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 3, Note 13) | Base Sheet | | | Roof Cover (Note 15) | | MDP (psf) |
|--|--|---|---|---|---|---|-------------------------------|-------------------------|-----------|
| | | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | |
| 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 or BURmastic Composite Ply HT 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-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 or BURmastic Composite Ply HT 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-CA6 or SBS-CA6 | -67.5 |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | | | |
| 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 or BURmastic Composite Ply HT 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-AA, SBS-AA or APP-TA | -67.5 |

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 3, Note 13) | Base Sheet | | | Roof Cover (Note 15) | | MDP (psf) |
|--------------------------------|--|---|---|---|---|---|-------------------------------|-------------------|-----------|
| | | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap 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 or BURmastic Composite Ply HT 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-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 or BURmastic Composite Ply HT 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-108. | 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 or BURmastic Composite Ply HT 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 3, Note 13) | PowerFAST (Note 15A) | | | Roof Cover (Note 15) | | MDP (psf) |
|---|--|---|--|----------------------------|--|--|--|---|-----------|
| | | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| POWERPLY 300 SMOOTH WITH FASTENER AND STRESS PLATE: | | | | | | | | | |
| 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 with Tremco 2" Barbed Seam Plate | 18-inch o.c. within the min. 4-inch wide, hot-air-weld-sealed 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 Tremco LF Adhesive) | BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with Tremco LF Adhesive) | -45.0* |
| 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 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 side laps | (Optional) APP-TA | APP-TA | -45.0* |
| POWERPLY ENDURE 100 SMOOTH WITH FASTENER AND STRESS PLATE: | | | | | | | | | |
| 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, min. 2-inch thick, prelim. attach | POWERply Endure 100 Smooth | Tremco #15 EHD 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) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF | -60.0 |
| POWERPLY HEAVY DUTY BASE SHEET WITH FASTENER AND STRESS PLATE: | | | | | | | | | |

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 3, Note 13) | PowerFAST (Note 15A) | | | Roof Cover (Note 15) | | MDP (psf) |
|------------|--|---|--|--------------------------------|--|--|--|---|-----------|
| | | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| 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 Tremco LF Adhesive) | BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with Tremco LF Adhesive) | -37.5 |
| | | | | | | | | | |
| 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 |
| | | | | | | | | | |
| 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 Tremco LF Adhesive) | BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with Tremco LF Adhesive) | -45.0 |
| | | | | | | | | | |
| 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 |
| | | | | | | | | | |
| 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 Tremco LF Adhesive) | BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with 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 |
| | | | | | | | | | |

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 3, Note 13) | PowerFAST (Note 15A) | | | Roof Cover (Note 15) | | MDP (psf) |
|---|--|---|---|--------------------------------------|--|--|--|---|---------------------------|
| | | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| 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 <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 <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 |
| 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. ¼" 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: *For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield minimum 349 lbf.</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 |

TABLE 1H: 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 | |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | |
| W-124. | 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 or BURmastic Composite Ply HT 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-125. | 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 or BURmastic Composite Ply HT 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-CA6 or SBS-CA6 | -67.5 |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | | |
| W-126. | 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 or BURmastic Composite Ply HT 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-AA, SBS-AA or APP-TA | -67.5 |
| W-127. | 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 or BURmastic Composite Ply HT 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-128. | 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 or BURmastic Composite Ply HT 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-129. | 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 or BURmastic Composite Ply HT 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 1I: 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 | |
| POWERPLY 300 SMOOTH WITH FASTENER AND STRESS PLATE: | | | | | | | | |
| W-130. | 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 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 Tremco LF Adhesive) | BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with Tremco LF Adhesive) | -45.0* |
| W-131. | 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* |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | |
| S-1. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1, or SBS-CA1 | BP-CA1 or SBS-CA1 | -52.5* |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | |
| S-2. | 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) (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) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |
| 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) (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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| S-4. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0* |
| S-5. | 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| S-6. | 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-7. | 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) (every other deck flange) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -75.0 |
| S-8. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -97.5 |
| S-9. | 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA, 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -97.5 |
| S-10. | 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -97.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | |
| S-11. | 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) (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) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |
| 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) (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) <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 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-13. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment) | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0* |
| S-14. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (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) <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-15. | 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 (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0 |
| S-16. | 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) (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0 |
| S-17. | 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) (every other deck flange) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -75.0 |
| S-18. | 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-19. | 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) (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* |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-20. | 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 (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-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 (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA, 6-inch o.c. | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -97.5 |
| 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) (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-23. | 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) (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG), 6-inch o.c. | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -97.5 |
| S-24. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch DensDeck Prime | LRFIA or LRFIA(BG) (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-25. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (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-26. | 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) (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) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -52.5 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0 |
| 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0 |
| S-29. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0* |
| S-30. | 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) (every other deck flange) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -75.0 |
| S-31. | 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA, 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -97.5 |
| S-32. | 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -97.5 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-33. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -97.5 |
| S-34. | 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) (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) | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -52.5 |
| 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 (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -60.0 |
| S-36. | 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) (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG) | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -60.0 |
| S-37. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -60.0* |
| S-38. | 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) (every other deck flange) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -75.0 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-39. | 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA, 6-inch o.c. | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -97.5 |
| S-40. | 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG), 6-inch o.c. | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -97.5 |
| S-41. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | SBS-AA | (Optional) SBS-AA, SBS-TA | SBS-TA | -97.5 |
| SEBS-APPLIED BASE PLY: | | | | | | | | | |
| S-42. | 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) (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) | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -52.5 |
| 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0 |
| 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG) | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-45. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0* |
| S-46. | 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) (every other deck flange) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -75.0 |
| S-47. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch DensDeck Prime | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -97.5 |
| S-48. | 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 (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA, 6-inch o.c. | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -97.5 |
| S-49. | 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) (every other deck flange) | <u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG), 6-inch o.c. | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -97.5 |
| S-50. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -157.5 |
| S-51. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -157.5 |

TORCH-APPLIED BASE PLY:

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-52. | 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -60.0 |
| S-53. | 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -60.0 |
| S-54. | Min. 22 ga., type B, Grade 40 steel | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) (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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | SBS-TA | (Optional) SBS-TA | SBS-TA | -60.0* |
| S-55. | 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) (every other deck flange) | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -75.0 |
| S-56. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch DensDeck Prime | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | APP-TA | (Optional) APP-TA | APP-TA | -97.5 |
| S-57. | 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 (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA, 6-inch o.c. | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -97.5 |

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

 REFER TO [NOTE 16](#) FOR VAPOR BARRIER OPTIONS

| 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 | |
| S-58. | 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) (every other deck flange) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA(BG), 6-inch o.c. | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -97.5 |
| S-59. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch DensDeck Prime | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | SBS-TA | (Optional) SBS-TA | SBS-TA | -112.5 |
| S-60. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | POWERply Standard Smooth HW | (Optional) SBS-TA | SBS-TA | -157.5 |
| S-61. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | APP-TA | (Optional) APP-TA | APP-TA | -157.5 |
| S-62. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | N/A | SBS-TA | (Optional) SBS-TA | SBS-TA | -157.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | Primer | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|--|-------------------------------------|---|---|---|--|---|---|--------------------------------------|--|------------------------------------|------------------------------|
| | | Type | Attach | | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | | |
| S-63. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | (Optional) ASTM D41 | 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) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |
| S-64. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange) | Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB) | Tremco AVC Max | <u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, 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 or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |
| S-65. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | (Optional) ASTM D41 | 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) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | |
| S-66. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | 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. 0.125-inch TremBoard AC | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | Primer | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|---|---|---|--|---|---|--------------------------------------|--|-------------------|------------------------------|
| | | Type | Attach | | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| S-67. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | (Optional) ASTM D41 | 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) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |
| S-68. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange) | Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB) | Tremco AVC Max | <u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, 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 or min. 0.5-inch SECUROCK Gypsum-Fiber 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 | -52.5 |
| S-69. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | 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 SECUROCK Gypsum-Fiber 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 | -67.5 |
| S-70. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | (Optional) ASTM D41 | 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) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -67.5 |

TORCH-APPLIED BASE PLY:

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

| System No. | Deck (Note 1) | Thermal Barrier | | Primer | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) | |
|------------|-------------------------------------|---|---|---|--|--|---|--------------------------------------|--------|-------------------|--|-------|
| | | Type | Attach | | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | | |
| S-71. | Min. 22 ga., type B, Grade 40 steel | Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange) | Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB) | Tremco AVC Max | <u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA or UltraMax <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -52.5 |
| S-72. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | None | 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 <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -67.5 |
| S-73. | Min. 22 ga., type B, Grade 40 steel | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) (every other deck flange) | (Optional) ASTM D41 | 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 <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -67.5 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | | |
| S-74. | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -37.5* |
| S-75. | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -45.0* |
| S-76. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -52.5 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -52.5* |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -37.5* |
| S-79. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -45.0* |
| S-80. | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -45.0* |
| S-81. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |
| S-82. | 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) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| S-83. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | <p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG)</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p> | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| S-84. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)</p> | <p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG)</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p> | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0* |
| S-85. | 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 | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| S-86. | Min. 22 ga., type B, Grade 80 steel | Min. 2-inch Trisotech G, Trisotech CGF or Trisotech | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -97.5 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| S-87. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | Hot asphalt | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| S-88. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -75.0 |
| S-89. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -75.0 |
| POWERPLY ENDURE BIO ADHESIVE TF ADHESIVE APPLIED BASE PLY: | | | | | | | | | | |
| 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 | Note 2 | 1 per 4.0 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -37.5* |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| S-91. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell 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-92. | 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 or min. 7/16-inch DEXcell 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-93. | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |
| S-94. | 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) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |
| S-95. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell Cement Roof Board | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <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 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| S-96. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | Additional Insulation Layer(s): (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 Coverboard: Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment) | Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: LRFIA or LRFIA(BG), 6-inch o.c. | SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0* |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | Additional Insulation Layer(s): (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 Coverboard: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment) | Additional Layer(s): LRFIA or LRFIA(BG) Coverboard: 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 | Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | Additional Insulation Layer(s): (Optional) 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 Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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: | | | | | | | | | | |
| 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -45.0* |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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) | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell Cement Roof Board | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -67.5 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell Cement Roof Board | Hot asphalt | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 | Hot asphalt | BP-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -67.5 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -75.0 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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 Roof Board or min. 7/16-inch DEXcell Cement Roof 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) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -52.5 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | <p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG)</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p> | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 1-inch MonoBoard Plus or Min. 2-inch TopRock DD Plus (no extrapolation permitted for ribbon attachment)</p> | <p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG)</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p> | 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 | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | LRFIA or LRFIA(BG), 6-inch o.c. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board</p> | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | <p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p> | Hot asphalt | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -60.0 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | Additional Insulation Layer(s): (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 Coverboard: Min. 1-inch MonoBoard Plus or min. 2-inch TopRock DD 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 | Additional Insulation Layer(s): (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 Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -37.5* |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -45.0* |
| 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 Roof Board or min. 7/16-inch DEXcell Cement Roof 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) | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell Cement Roof Board | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0* |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or min. 7/16-inch DEXcell 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |
| S-138. | Min. 22 ga., type B, Grade 80 steel | Min. 2-inch Trisotech G, Trisotech, H-Shield or Multi-Max FA3 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell Cement Roof Board | Hot asphalt | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | Additional Insulation Layer(s): (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 Coverboard: Min. 1-inch MonoBoard Plus or min. 2-inch TopRock DD 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 | Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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 | Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -45.0* |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 Roof Board or min. 7/16-inch DEXcell Cement Roof 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell Cement Roof Board | <u>Additional Layer(s)</u> : LRFIA or LRFIA(BG) <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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-TA | (Optional) SBS-TA | SBS-TA | -60.0* |
| 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 or min. 7/16-inch DEXcell 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |

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

| System No. | Deck (Note 1) | Base Insulation 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 | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 or min. 7/16-inch DEXcell 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 | Hot asphalt | SBS-TA | (Optional) SBS-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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW 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 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|--|-------------------------------------|--|--|---------------------------|---|---|----------------------|----------------------|--|-------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | Base Ply: BP-CA6, SBS-CA6 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, 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, Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -45.0* |
| S-157. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC | <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, Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -45.0* |
| S-158. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, UltraMax, 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, Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -45.0* |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | | |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | Attach (Notes 6,7,8) | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|--|--|---------------------------|---|---|----------------------|----------------------|---|------------------------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | | | Base Ply | Ply | Cap Ply | |
| S-159. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 3.2 ft ² | Base Ply: BP-CA6, SBS-CA6 or SBS-TA | <u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II, 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 DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -45.0* |
| S-160. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 3.2 ft ² | AVC Primer followed by AVC | <u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II, 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 DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -45.0* |
| S-161. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 3.2 ft ² | AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II, 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 DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -45.0* |
| S-162. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -52.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|---|--|---------------------------|-------------------------|--|----------------------|----------------------|---|------------------------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| S-163. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.8 ft ² | 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. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| S-164. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| S-165. | 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 | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| S-166. | 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 ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|--|-------------------------------------|--|--|---------------------------|-------------------------------------|---|---------------------------------|----------------------|--|-------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| S-167. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -90.0 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | |
| S-168. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 3.2 ft ² | Base Ply: BP-CA5, SBS-CA5 or SBS-TA | <u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II, 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 DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -45.0* |
| S-169. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 3.2 ft ² | AVC Primer followed by AVC | <u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II, 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 DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -45.0* |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | Attach (Notes 6,7,8) | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|---|--|---------------------------|---|---|----------------------|----------------------|--|-------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | | | Type | Base Ply | Ply | |
| S-170. | 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 or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 3.2 ft ² | AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II, 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 DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -45.0* |
| S-171. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -52.5 |
| S-172. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.8 ft ² | 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. 0.25-inch SECUROCK Gypsum-Fiber 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 | -60.0 |
| S-173. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | Attach (Notes 6,7,8) | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|--|--|---------------------------|-------------------------------------|--|---------------------------------|----------------------|---|-------------------|-----------|
| | | Type | Fastener (Note 11) | Attach | | | | Type | Base Ply | Ply | |
| S-174. | 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 | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -67.5 |
| S-175. | 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 ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -67.5 |
| S-176. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, 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-177. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, 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 or min. 7/16-inch DEXcell 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:

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) Type | Attach (Notes 6,7,8) | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|--|--|---------------------------|---|--|----------------------|----------------------|--|--|-----------|
| | | Type | Fastener (Note 11) | Attach | | | | Base Ply | Ply | Cap Ply | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -52.5 |
| S-179. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -67.5 |
| S-180. | 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 | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -67.5 |
| S-181. | 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 ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -67.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|--|--|---------------------------|---|--|---------------------------------|----------------------|--|--|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| S-182. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -90.0 |
| S-183. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -52.5 |
| S-184. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -67.5 |
| S-185. | 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 | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -67.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | Attach (Notes 6,7,8) | Roof Cover (Note 15) | | | MDP (psf) |
|-------------------------------|-------------------------------------|--|--|---------------------------|---|--|---------------------------------|----------------------|---------------------------------------|----------|-----------|
| | | Type | Fastener (Note 11) | Attach | | | | Type | Base Ply | Ply | |
| S-186. | 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 ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -67.5 |
| S-187. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -90.0 |
| SEBS-APPLIED BASE PLY: | | | | | | | | | | | |
| S-188. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -52.5 |
| S-189. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | Base Ply: SBS-AA or SBS-TA | <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 or UltraMax <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 or min. 7/16-inch DEXcell Cement Roof Board | Hot asphalt | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|--|--|---------------------------|-------------------------|--|---------------------------------|----------------------|------------------------------|----------|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| S-190. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -67.5 |
| S-191. | 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 | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -67.5 |
| S-192. | 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 ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -67.5 |
| S-193. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -90.0 |

TORCH-APPLIED BASE PLY:

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | Attach (Notes 6,7,8) | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|---|--|---------------------------|---|--|----------------------|----------------------|-------------------|---------|-----------|
| | | Type | Fastener (Note 11) | Attach | | | | Type | Ply | Cap Ply | |
| S-194. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -52.5 |
| S-195. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.8 ft ² | 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. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -60.0 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -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 | 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, 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -67.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------------|--|--|---------------------------|---|--|---------------------------------|----------------------|-------------------|---------|-----------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | SBS-TA | (Optional) SBS-TA | SBS-TA | -90.0 |
| 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | AVC Primer followed by AVC or AVC Primer or AVC Primer (WB) followed by AVC Max | <u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRFIA or LRFIA(BG) | APP-TA | (Optional) APP-TA | APP-TA | -52.5 |
| S-201. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA | (Optional) APP-TA | APP-TA | -67.5 |
| S-202. | 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 | 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, 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA | (Optional) APP-TA | APP-TA | -67.5 |

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

| System No. | Deck (Note 1) | Thermal Barrier | | | Vapor Barrier (Note 15) | Insulation Layer(s) | | Roof Cover (Note 15) | | | MDP (psf) | |
|------------|-------------------------------------|--|--|---------------------------|-------------------------|---|----------------------|---------------------------------|--------|-------------------|-----------|-------|
| | | Type | Fastener (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | | |
| S-203. | 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 ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 2.0 ft ² | 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, 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 or min. 7/16-inch DEXcell Cement Roof Board | | LRFIA or LRFIA(BG) | APP-TA | (Optional) APP-TA | APP-TA | -67.5 |
| S-204. | 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 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate | 1 per 1.3 ft ² | 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, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | | LRFIA or LRFIA(BG), 6-inch o.c. | APP-TA | (Optional) APP-TA | APP-TA | -90.0 |

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

| System No. | Deck (Note 1) | Base Insulation Layer (Note 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---|--|---|---|---|----------------------|---|------------------------------------|-----------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | |
| S-205. | Min. 22 ga., type B, Grade 40 steel | 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-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -52.5 |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | |
| S-206. | 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -30.0* |
| S-207. | 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 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---|--|--|--|---|--------------------------------------|---|------------------------------------|------------------------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| S-208. | 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| S-209. | 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-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| S-210. | 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| S-211. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| S-212. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -75.0 |
| S-213. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -75.0 |
| S-214. | 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -97.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | |
| S-215. | 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* |

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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|---|---|---|--|---|--|------------------------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| S-216. | 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 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-217. | 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 DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF | -52.5 |
| 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. 0.5-inch Structodek HD with Primed Red Coating | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF | -60.0 |
| S-219. | 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-220. | Min. 22 ga., type B, Grade 40 steel | 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-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -67.5 |
| S-221. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------------|---|--|---|--|---------------------------|----------------------|---|--|-----------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| S-222. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-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 SECUROCK Gypsum-Fiber Roof Board | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-224. | 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-225. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-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-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -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 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -30.0* |
| S-228. | 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 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|---|--|---|--|---|--|------------------------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | POWERply Endure 100, 200, 300 or 320 FR in hot asphalt | -52.5 |
| 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. 0.5-inch Structodek HD with Primed Red Coating | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | POWERply Endure 100, 200, 300 or 320 FR in hot asphalt | -60.0 |
| S-231. | 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -60.0 |
| S-232. | 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-AA, SBS-AA | (Optional) One or more BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -67.5 |
| 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. 0.125-inch TremBoard AC | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -67.5 |
| S-234. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -75.0 |

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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|--|--|---------------------------|----------------------|---|--|-----------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| S-235. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -75.0 |
| S-236. | 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-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -112.5 |
| 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 | 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 or APP-TA | BP-AA, SBS-AA or APP-TA | -157.5 |
| S-238. | 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-AA, SBS-AA or APP-TA | BP-AA, SBS-AA or APP-TA | -157.5 |
| S-239. | 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-240. | 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-241. | 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 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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* |
| S-242. | 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 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-243. | 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 |

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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|-------------------------------|---|--|---|--|---|--------------------------------------|---------------------------------------|----------|------------------------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| 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. 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. | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -67.5 |
| S-245. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-246. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-247. | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch total thickness, loose laid | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-248. | 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-249. | 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-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 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-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 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: | | | | | | | | | |
| S-252. | 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* |

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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|---|--|--|--|---|--|------------------------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| S-253. | 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 | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-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. 0.125-inch TremBoard AC | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-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 DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80 | -52.5 |
| 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. 0.5-inch Structodek HD with Primed Red Coating | Note 2 (min. #14 fasteners only) | 1 per 2.0 ft ² (16 per 4x8 ft board) | POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80 | -60.0 |
| 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 | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0 |
| S-258. | 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-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------|---|--|---|---|---------------------------|----------------------|------------------------------|----------------|-----------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.125-inch TremBoard AC | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-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 DensDeck Prime | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-261. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-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 1.3 ft ² | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -112.5 |
| 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 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 |
| 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 1.3 ft ² | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -157.5 |
| S-265. | 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-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 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-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. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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* |

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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|--|---|---|----------------------|---------------------------|----------------|-----------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| S-268. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-269. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-270. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-271. | 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-272. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 |
| S-273. | Min. 22 ga., type B, Grade 40 steel | 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. | SBS-TA | (Optional) SBS-TA | SBS-TA | -67.5 |
| S-274. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-275. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-276. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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 |

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 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|--|---|---------------------------|--------------------------------------|---------------------------|----------------|------------------------------|
| | | | Type | Fastener (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| S-277. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate, 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-278. | 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-279. | 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-280. | 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-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 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 3, Note 13) | Base Sheet | | | Roof Cover (Note 15) | | MDP (psf) |
|--|---|---|---|---|--|--------------------------------------|-------------------|---------------------------|
| | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | |
| S-282. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate or 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-283. | 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 | ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate or 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-284. | 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-285. | 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 3, Note 13) | PowerFAST (Note 15A) | | | Roof Cover (Note 15) | | MDP (psf) |
|---|-------------------------------------|--|----------------------|--|--|----------------------|--|--------------|
| | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| POWERPLY 300 SMOOTH WITH FASTENERS/STRESS PLATES: | | | | | | | | |
| S-286. | 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-287. | 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-288. | 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 or Tremco LF Adhesive sealed side laps | (Optional) APP-TA | APP-TA | -52.5 |
| S-289. | 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: | | | | | | | | |
| S-290. | 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 Tremco LF Adhesive sealed side laps | None | SBS-CA1(laps hot air welded or sealed with Tremco LF Adhesive) | -75.0 |
| S-291. | 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 100 SMOOTH 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 3, Note 13) | PowerFAST (Note 15A) | | | Roof Cover (Note 15) | | MDP (psf) |
|---|-------------------------------------|--|--------------------------------|---|---|--|---|-----------|
| | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| S-292. | Min. 22 ga., type B, Grade 40 steel | One or more layers, any combination, min. 2-inch thick, prelim. attach | POWERply Endure 100 Smooth | Tremco #15 EHD 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) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF | -60.0 |
| POWERPLY ENDURE 200 SMOOTH WITH FASTENERS/STRESS PLATES: | | | | | | | | |
| S-293. | 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-294. | 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 |
| POWERPLY ENDURE 200 SMOOTH WITH FASTENERS/BATTEN BARS: | | | | | | | | |
| S-295. | 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: | | | | | | | | |
| S-296. | 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 Tremco LF Adhesive) | BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with Tremco LF Adhesive) | -45.0 |
| S-297. | 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 Tremco LF Adhesive) | BP-CA1 (laps sealed with Tremco LF Adhesive) or SBS-CA1 (laps hot air welded or sealed with Tremco LF Adhesive) | -60.0 |
| S-298. | 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-299. | 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 |

**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 3, Note 13) | PowerFAST (Note 15A) | | | Roof Cover (Note 15) | | MDP (psf) |
|------------|-------------------------------------|--|--------------------------------|--|--|--|-------------------|-----------|
| | | | Type | Fastener (Note 11) | Spacing | Base Ply | Cap Ply | |
| S-300. | 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-301. | 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-302. | 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 |
| S-303. | 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-304. | 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-305. | 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-306. | 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | |
| C-1. | Min. 2,500 psi structural concrete | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | Additional Insulation Layer(s): (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) | Additional Layer(s): LRFIA or LRFIA(BG) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -60.0* |
| 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 | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -60.0 |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | |
| 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) | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1, SBS-CA1 | -60.0 |
| 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) | 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 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -202.5 |
| C-5. | 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) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -202.5 |

**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 | |
| C-6. | Min. 2,500 psi structural concrete | Min. 1-inch Atlas ThermalStar Type II | LRFIA or LRFIA(BG) | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -285.0 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -285.0 |
| 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), 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -340.0 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | |
| C-9. | Min. 2,500 psi structural concrete | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 1-inch MonoBoard (no extrapolation permitted for ribbon attachment) | <u>Additional Layer(s):</u> LRFIA or LRFIA(BG) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -60.0* |
| C-10. | Min. 2,500 psi structural concrete | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <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) <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* |
| 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) | Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -165.0 |

**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 | |
| C-12. | Min. 2,500 psi structural concrete | Min. 1.5-inch Trisotech or Trisotech G | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF | -217.5 |
| C-13. | 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) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell 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 | -262.5 |
| C-14. | Min. 2,500 psi structural concrete | Min. 1.5-inch Trisotech or Trisotech G | LRFIA or LRFIA(BG) | Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in POWERply Endure BIO Adhesive TF | POWERply Endure 100, 200, 300 or 320 FR in POWERply Endure BIO Adhesive TF | -270.0 |
| C-15. | Min. 2,500 psi structural concrete | Min. 1-inch Atlas ThermalStar Type II | LRFIA or LRFIA(BG) | 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 or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5, SBS-CA5 | (Optional) BP-CA5, SBS-CA5 | BP-CA5, SBS-CA5 | -285.0 |
| C-16. | 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-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. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -465.0 |
| C-18. | Min. 2,500 psi structural concrete | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 6-inch o.c. | None | N/A | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -1115.0 |

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 | |
| C-19. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) 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: | | | | | | | | | |
| C-20. | 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) | 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 or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1, SBS-CA1 | -60.0 |
| C-21. | Min. 2,500 psi structural concrete | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-AA, SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -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) | Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -180.0 |
| C-24. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) 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-AA, SBS-AA | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1, SBS-CA1 | -60.0 |

**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 | |
| C-25. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) 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-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -180.0 |
| C-26. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) Min. 1.5-inch Trisotech or Trisotech G | Hot asphalt | Min. 0.5-inch Structodek HD with Primed Red Coating | Hot asphalt | POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | POWERply Endure 100, 200, 300 or 320 FR in hot asphalt | -262.5 |
| C-27. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) Min. 1.5-inch Trisotech or Trisotech G | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in hot asphalt | POWERply Endure 100, 200, 300 or 320 FR in hot asphalt | -277.5 |
| 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) | Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One SBS-AA, SBS-TA | SBS-TA | -165.0 |
| C-29. | 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One SBS-AA, SBS-TA | SBS-TA | -180.0 |
| C-30. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) 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: | | | | | | | | | |
| C-31. | Min. 2,500 psi structural concrete | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <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) <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c. | BP-SEBS or SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -60.0* |

**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 | |
| C-32. | 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) | Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -165.0 |
| C-33. | 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) | Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -195.0 |
| C-34. | 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) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -262.5 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -285.0 |
| C-36. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) 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 |
| C-37. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) Min. 1.5-inch Trisotech or Trisotech G | Hot asphalt | Min. 0.5-inch Structodek HD with Primed Red Coating | Hot asphalt | POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80 | -262.5 |
| C-38. | Min. 2,500 psi structural concrete; ASTM D41 primed | (Optional) Min. 1.5-inch Trisotech or Trisotech G | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DenDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | (Optional) POWERply Endure 100, 200, 300 or 320 Smooth in THERMastic 80 | POWERply Endure 100, 200, 300 or 320 FR in THERMastic 80 | -277.5 |

TORCH-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 | |
| C-39. | Min. 2,500 psi structural concrete | Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield | LRFIA or LRFIA(BG) | <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) <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c. | SBS-TA | (Optional) SBS-TA | SBS-TA | -60.0* |
| C-40. | 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -180.0 |
| C-41. | 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) | Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -195.0 |
| C-42. | 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) | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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 | |
| C-43. | Min. 2,500 psi structural concrete | None | BP-CA1, SBS-CA-1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1, SBS-CA1 | -60.0 |
| C-44. | 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-45. | Min. 2,500 psi structural concrete | TREMprime WB Primer | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -372.5 |
| C-46. | Min. 2,500 psi structural concrete | ASTM D41 | APP-TA | (Optional) APP-TA | APP-TA | -465.0 |
| C-47. | 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 | |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber 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 | -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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -52.5 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | 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 B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

| Sys No. | Deck (Note 1) | Lightweight Concrete (Note 14) | Anchor Sheet | | | Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|--|--|--|---|--|--|---|---|--|--|---------------------------------|----------------------|---------------------------------------|-----------------|-----------|
| | | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach | Base Ply | Ply | Cap Ply | |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | | | | |
| LWC-8. | Min. 22 ga., type BV, Grade 40 steel; 6 ft span | <u>ELASTIZELL (NOA 18-0208.03)</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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) BP-CA5 or SBS-CA5 | SBS-CA5 | -45.0 |
| LWC-9. | Min. 22 ga., type BV, Grade 80 steel; 6 ft span | <u>ELASTIZELL (NOA 18-0208.03)</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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 8-inch o.c. | BP-CA5 or SBS-CA5 | (Optional) BP-CA5 or SBS-CA5 | SBS-CA5 | -60.0 |
| ASPHALT APPLIED BASE PLY: | | | | | | | | | | | | | | |
| LWC-10. | Pre-existent steel or structural concrete, acceptable to AHJ | Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-AA, SBS-AA | (Optional) BP-AA or SBS-AA | BP-AA or SBS-AA | -75.0 |
| LWC-11. | Pre-existent steel or structural concrete, acceptable to AHJ | Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board 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: | | | | | | | | | | | | | | |

**TABLE 4B: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

| Sys No. | Deck (Note 1) | Lightweight Concrete (Note 14) | Anchor Sheet | | | Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------|--|--|---|--|--|---|---|--|--|---------------------------------|----------------------|------------------------------|----------------|-----------|
| | | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach | Base Ply | Ply | Cap Ply | |
| LWC-12. | Pre-existent steel or structural concrete, acceptable to AHJ | Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board 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: | | | | | | | | | | | | | | |
| LWC-13. | Min. 22 ga., type BV, Grade 40 steel; 6 ft span | <u>ELASTIZELL (NOA 18-0208.03):</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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -45.0 |
| LWC-14. | Min. 22 ga., type BV, Grade 80 steel; 6 ft span | <u>ELASTIZELL (NOA 18-0208.03):</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 Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG), 8-inch o.c. | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -60.0 |
| LWC-15. | Pre-existent steel or structural concrete, acceptable to AHJ | Pre-existent, min. 2-inch thick, min. 360 psi cellular lightweight concrete | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -75.0 |

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

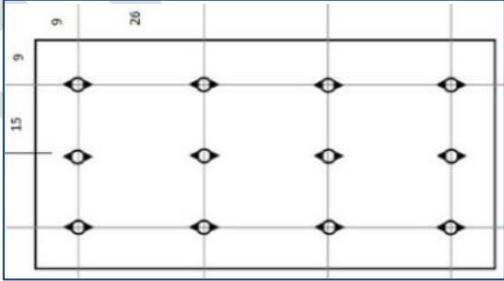
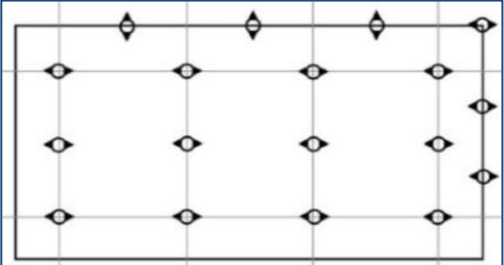
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---|--|---|---|--|--|----------------------|---|------------------------------------|-----------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | |
| 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. 0.5-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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 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. | | | |  | | | | |
| 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 1.8 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 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. | | | |  | | | | |

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

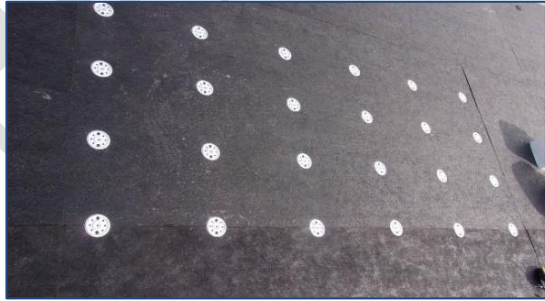
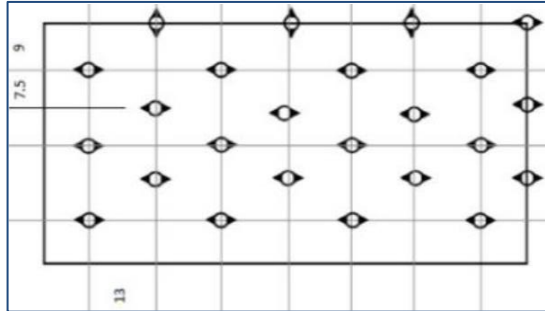
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|---|---|---|---|--------------------------------------|--|------------------------------------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.125-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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 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. | | |  | | | | | |
| 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 1.3 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 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. | | |  | | | | | |

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

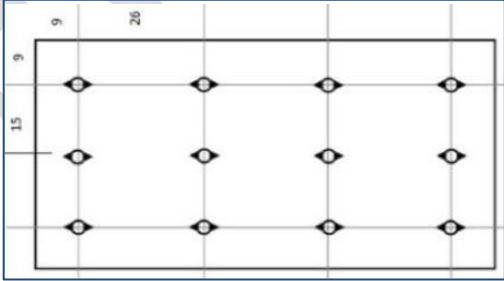
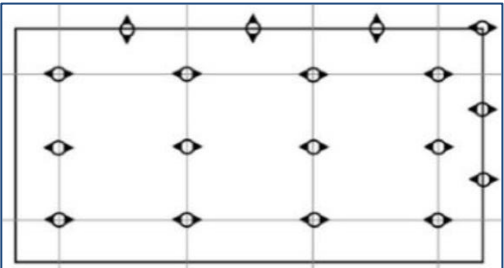
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--|---|---|---|---|---|--|--------------------------------------|--|-------------------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | |
| 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. 0.5-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 |
| | <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.</i> | | | |  | | | | |
| 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 1.8 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 |
| | <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.</i> | | | |  | | | | |

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

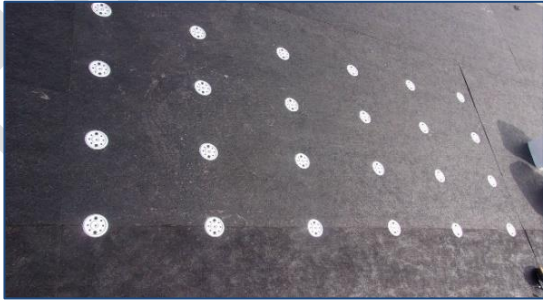
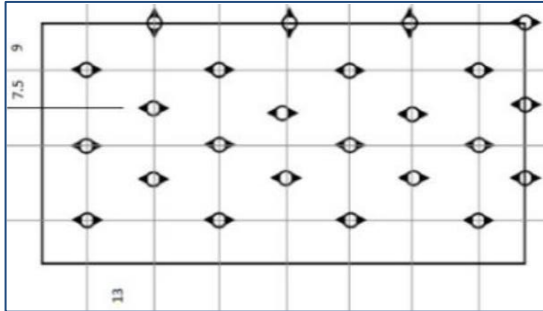
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|---|---|---|---|--------------------------------------|--|-------------------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.125-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) | 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. | | |  | | | | | |
| 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 1.3 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. | | |  | | | | | |

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

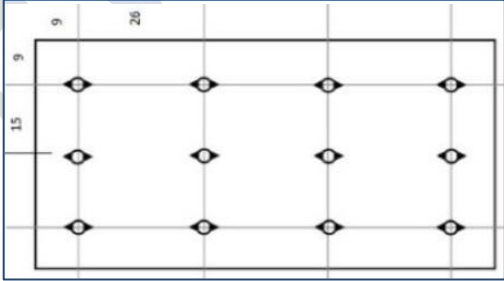
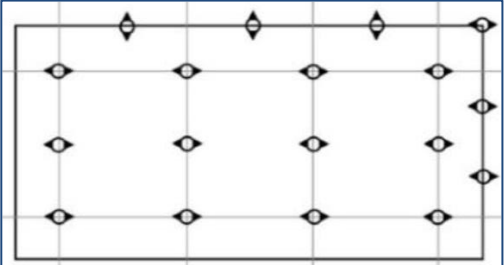
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------------|---|---|---|---|---|--|--------------------------------------|---|--|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | | | | |
| 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. 0.5-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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</i> | | | |  | | | | |
| 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 1.8 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-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</i> | | | |  | | | | |

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

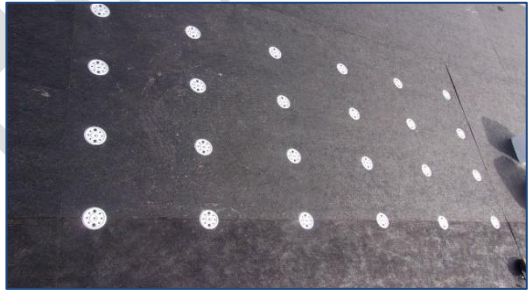
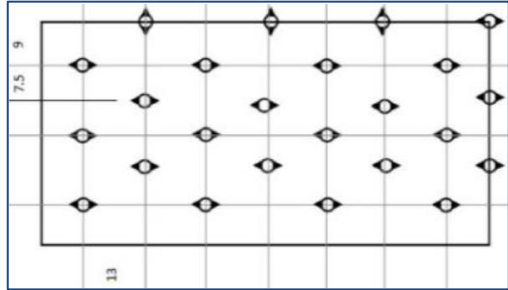
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|---|---|---|---|---|------------------------------------|--|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.125-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) | BP-AA (except BURmastic Glass Ply, BURmastic Glass Ply – 28 lb), SBS-AA | (Optional) BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</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 1.3 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-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-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.</i> | | | |  | | | | |

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

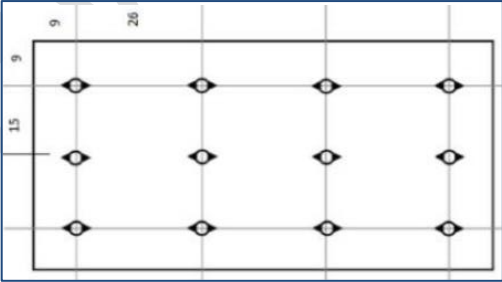
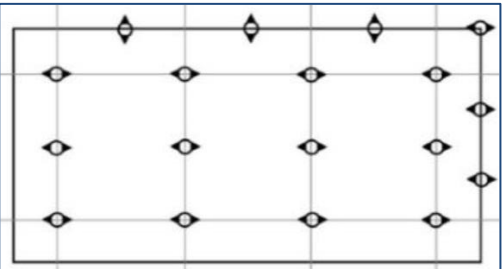
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|---|---|---|--|--------------------------------------|---------------------------------------|---------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.5-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.</i> | | |  | | | | | |
| 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 1.8 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.</i> | | |  | | | | | |

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

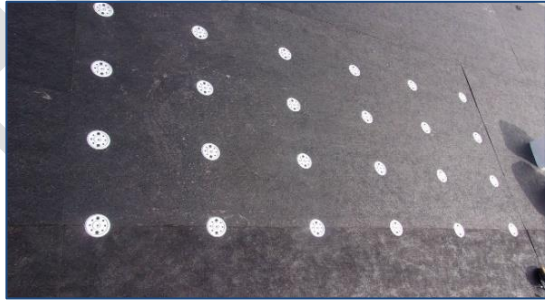
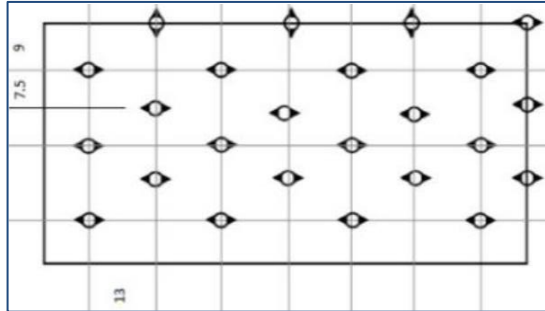
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|---|---|---|---|--------------------------------------|---------------------------------------|---------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.125-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-AA | (Optional) One or more SBS-AA, SBS-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.</i> | | |  | | | | | |
| 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 1.3 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> | <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.</i> | | |  | | | | | |

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

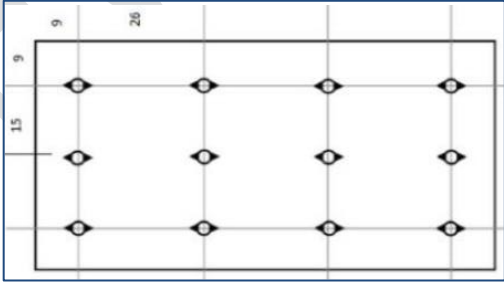
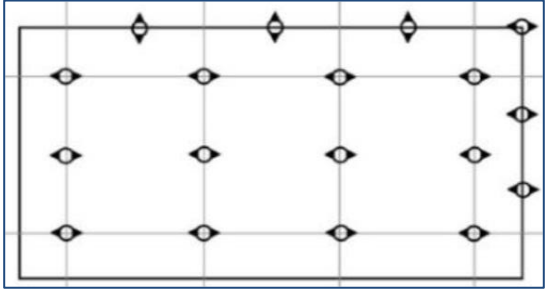
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|-------------------------------|---|---|---|---|---|--|--------------------------------------|------------------------------|----------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| SEBS-APPLIED BASE PLY: | | | | | | | | | | |
| 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. 0.5-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 |
| | <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.</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 1.8 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 |
| | <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.</i> | | | |  | | | | |

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

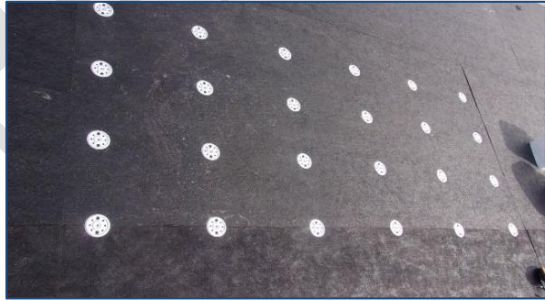
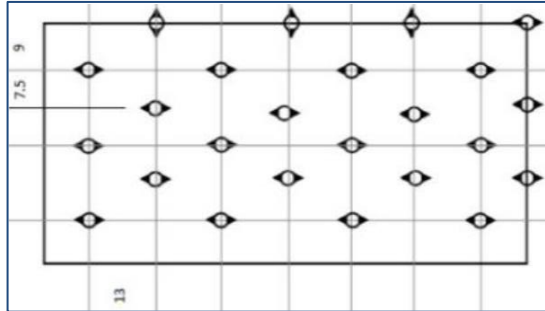
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|---|---|---|---|--------------------------------------|------------------------------|----------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| 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. 0.125-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) | 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.</i> | | |  | | | | | |
| 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 1.3 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.</i> | | |  | | | | | |

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

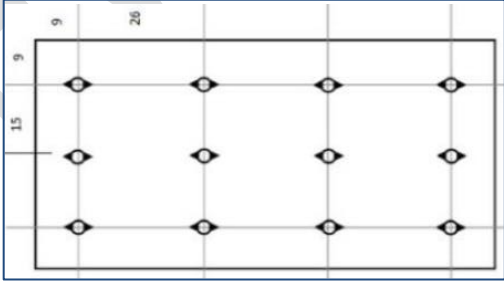
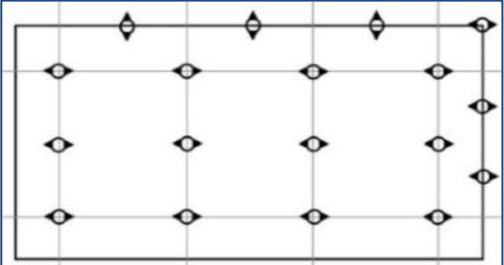
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------|---|--|---|---|--|--|----------------------|---------------------------|----------------|-----------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| TORCH-APPLIED BASE PLY: | | | | | | | | | | |
| 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. 0.5-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. | | | |  | | | | |
| 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 1.8 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. | | | |  | | | | |

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

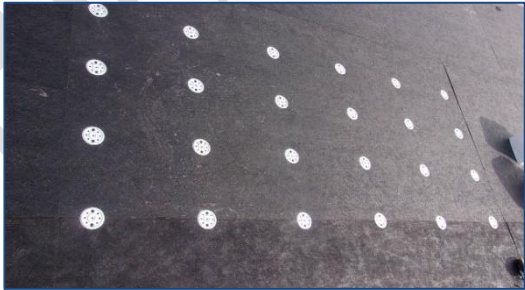
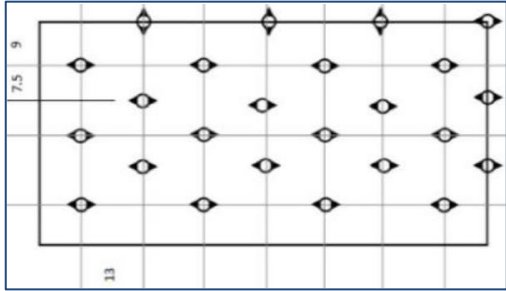
| System No. | Deck (Note 1) | Lightweight Concrete (Note 14) | | Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|---|---|---|---|--------------------------------------|---------------------------|----------------|---------------------------|
| | | Type | Surfacing | Type | Fastener (Note 11) | Top Layer Attach | Base Ply | Ply | Cap Ply | |
| LWC-38. | 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) | 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.</i> | | |  | | | | | |
| LWC-39. | 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.</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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE 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-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -45.0 |
| LWC-41. | 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 or SBS-CA1 | -60.0 |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | | |
| 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 | 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-CA6, SBS-CA1 or SBS-CA6 | -45.0 |
| LWC-43. | 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-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| LWC-44. | 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-CA6, SBS-CA1 or SBS-CA6 | -67.5 |

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 | |
| LWC-45. | 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:</i> | | <i>*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.</i> | | | | | | | | | |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | |
| LWC-46. | 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 |
| LWC-47. | 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-48. | 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-49. | Min. 22 ga., type BV, Grade 40 steel; 6 ft span | None | <u>ELASTIZELL (NOA 18-0208.03):</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 |

**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 | |
| LWC-50. | Min. 22 ga., type BV, Grade 80 steel; 6 ft span | None | <u>ELASTIZELL (NOA 18-0208.03)</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-51. | 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 |
| <i>Note:</i> | | <i>*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.</i> | | | | | | | | | |
| HOT-ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY: | | | | | | | | | | | |
| LWC-52. | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -45.0 |
| LWC-53. | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -60.0 |
| LWC-54. | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -67.5 |

**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 | |
| LWC-55. | 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 |
| | Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. | | | | | | | | | | |
| LWC-56. | 22 ga., type BV, Grade 40 steel at max. 6 ft span | Celcore S-1 Deck Preparation Slurry | CELCORE (FL2037) : 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-57. | 22 ga., type B or BV, Grade 33 steel at max. 6 ft span | (Optional) Celcore S-1 Deck Preparation Slurry | CELCORE (FL2037) : 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-58. | 22 ga., type BV, Grade 40 steel at max. 6 ft span | Celcore S-1 Deck Preparation Slurry | CELCORE (FL2037) : 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-59. | 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 |
| | Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf. | | | | | | | | | | |
| SEBS-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 | |
| LWC-60. | 22 ga., type BV, Grade 40 steel at max. 6 ft span | Celcore S-1 Deck Preparation Slurry | CELCORE (FL2037) : 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-61. | 22 ga., type B or BV, Grade 33 steel at max. 6 ft span | (Optional) Celcore S-1 Deck Preparation Slurry | CELCORE (FL2037) : 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 |
| LWC-62. | 22 ga., type BV, Grade 40 steel at max. 6 ft span | Celcore S-1 Deck Preparation Slurry | CELCORE (FL2037) : 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-63. | 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 |
| <i>Note:</i> | | <i>*Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.</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 | |
| LWC-64. | 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 <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.</i> | | | | | | | | | |
| 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-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.</i> | | | | | | | | | |
| LWC-66. | 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.</i> | | | | | | | | | |
| LWC-67. | 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.</i> | | | | | | | | | |

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

| System No. | Deck (Note 1) | Vapor Barrier (Note 15) | 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | | | |
| LWC-68. | Min. 2,500 psi 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-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -45.0 |
| LWC-69. | Min. 2,500 psi 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 or SBS-CA1 | -45.0 |
| LWC-70. | 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 or SBS-CA1 | -45.0 |
| LWC-71. | Min. 2,500 psi 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 | 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 or SBS-CA1 | -60.0 |
| LWC-72. | Min. 2,500 psi 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 or SBS-CA1 | -60.0 |
| LWC-73. | 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 or SBS-CA1 | -60.0 |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | | |
| LWC-74. | Min. 2,500 psi 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 | 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-CA6, SBS-CA1 or SBS-CA6 | -45.0 |

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

| System No. | Deck (Note 1) | Vapor Barrier (Note 15) | 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 | |
| LWC-75. | Min. 2,500 psi 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-CA6, SBS-CA1 or SBS-CA6 | -45.0 |
| LWC-76. | 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-CA6, SBS-CA1 or SBS-CA6 | -45.0 |
| LWC-77. | Min. 2,500 psi 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-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| LWC-78. | Min. 2,500 psi 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-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| LWC-79. | 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-CA6, SBS-CA1 or SBS-CA6 | -67.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | |
| LWC-80. | Min. 2,500 psi 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-81. | Min. 2,500 psi 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 |

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

| System No. | Deck (Note 1) | Vapor Barrier (Note 15) | 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 | |
| LWC-82. | Min. 2,500 psi 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-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-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -45.0 |
| LWC-84. | Min. 2,500 psi 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 | 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-85. | Min. 2,500 psi 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-86. | Min. 2,500 psi 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 |
| LWC-87. | 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-88. | Min. 2,500 psi 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 | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -45.0 |

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

| System No. | Deck (Note 1) | Vapor Barrier (Note 15) | 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 | |
| LWC-89. | Min. 2,500 psi structural concrete, TREMprime WB Primer | BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.) | CELCORE (FL2037) : 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-90. | Min. 2,500 psi structural concrete, ASTM D41 primer | SBS-TA (smooth) | CELCORE (FL2037) : 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -45.0 |
| LWC-91. | Min. 2,500 psi structural concrete, ASTM D41 primer | SBS-TA (smooth) | CELCORE (FL2037) : 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-92. | Tectum Plank | BP-CA4, ribbons 9-inch o.c. | CELCORE (FL2037) : 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -45.0 |
| LWC-93. | Tectum Plank | BP-CA4, ribbons 9-inch o.c. | CELCORE (FL2037) : 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-94. | Min. 2,500 psi structural concrete, TREMprime WB Primer | BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.) | CELCORE (FL2037) : 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, SBS-CA1, BP-AA or SBS-AA | -67.5 |
| LWC-95. | Min. 2,500 psi structural concrete, TREMprime WB Primer | BP-CA6 (full coverage) or BP-CA4 (ribbons 12" o.c.) | CELCORE (FL2037) : 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 |

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

| System No. | Deck (Note 1) | Vapor Barrier (Note 15) | 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 | |
| LWC-96. | Min. 2,500 psi 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -67.5 |
| LWC-97. | Min. 2,500 psi 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-98. | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -67.5 |
| 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 | 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-100. | Min. 2,500 psi 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 | 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-101. | Min. 2,500 psi 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-102. | 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 |

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

| System No. | Deck (Note 1) | Vapor Barrier (Note 15) | 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 | |
| LWC-103. | Min. 2,500 psi 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 | BP-SEBS, SBS-AA | SBS-SEBS | -67.5 |
| LWC-104. | Min. 2,500 psi 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-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-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 | |
| LWC-106. | 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| LWC-107. | 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: VAPOR BARRIER TO DECK, LWC TO VAPOR BARRIER, BONDED ROOF COVER

| System No. | Deck (Note 1) | Vapor Barrier (Note 15) | Lightweight Concrete (Note 14) | | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|--|--|-----------------------------|---|--|---|------------------------------------|---------------------------|
| | | | Surface Treatment | Type | Sealer | Surfacing | Base Ply | Ply | Cap Ply | |
| LWC-108. | Min. 2,500 psi structural concrete, TREMprime WB Primer | 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| LWC-109. | Min. 2,500 psi 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-110. | 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-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| LWC-111. | 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 |
| LWC-112. | Min. 2,500 psi 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. (<i>laps sealed with Tremco LF Adhesive</i>) | (Optional) One or more BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| LWC-113. | Min. 2,500 psi 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. (<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 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 | |
| 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) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -60.0 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber 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 | -82.5 |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | | | |
| CWF-4. | Min. 2-inch Tectum I Plank | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | LRFIA or LRFIA(BG) | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-AA, SBS-AA | (Optional) BP-AA or SBS-AA | BP-AA or SBS-AA | -75.0 |
| CWF-5. | Min. 2-inch Tectum I Plank | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | LRFIA or LRFIA(BG) | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -75.0 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more BP-AA, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -82.5 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -82.5 |
| SEBS-APPLIED BASE PLY: | | | | | | | | | |

**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 | |
| CWF-8. | Min. 2-inch Tectum I Plank | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | LRFIA or LRFIA(BG) | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -75.0 |
| CWF-9. | 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | 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-10. | 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | SBS-TA | (Optional) SBS-TA | SBS-TA | -82.5 |

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck (Note 1) | Anchor Sheet | | | Vapor Barrier | 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 | |
| BURMASTIC ADHESIVE MC 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-CA6 or SBS-CA6 | (Optional) BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -75.0 |
| POWERPLY ENDURE BIO ADHESIVE TF 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. | BP-CA5 or SBS-CA5 | (Optional) BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -75.0 |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | | | | | | | |
| CWF-13. | 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-AA or SBS-AA | BP-CA1, BP-AA, SBS-CA1 or SBS-AA | -75.0 |
| CWF-14. | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-AA, SBS-AA | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1, SBS-CA1 | -60.0 |
| CWF-15. | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-AA, SBS-AA | (Optional) BP-AA or SBS-AA | BP-AA or SBS-AA | -75.0 |

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck (Note 1) | Anchor Sheet | | | Vapor Barrier | 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 | |
| CWF-16. | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board 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: | | | | | | | | | | | | | |
| CWF-17. | 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 |
| CWF-18. | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board 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: | | | | | | | | | | | | | |
| CWF-19. | 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 |
| CWF-20. | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | 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 (Note 1, Note 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | |
| G-1. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -60.0 |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | |
| G-2. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -165.0 |
| G-3. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -202.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | |
| G-4. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch SECUROCK Gypsum-Fiber 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 | -157.5 |
| G-5. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -165.0 |
| G-6. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | 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-7. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1, SBS-CA1, BP-AA or SBS-AA | -165.0 |
| G-8. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -180.0 |
| G-9. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -165.0 |

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

| System No. | Deck (Note 1, Note 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 | |
| G-10. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -180.0 |
| SEBS-APPLIED BASE PLY: | | | | | | | | | |
| G-11. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -165.0 |
| G-12. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -202.5 |
| TORCH-APPLIED BASE PLY: | | | | | | | | | |
| G-13. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -180.0 |
| G-14. | Existing gypsum deck | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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 VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1, Note 12) | Vapor Barrier (Note 15) | 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | | |
| G-15. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -60.0 |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | |
| G-16. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -165.0 |
| G-17. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -182.5 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | |
| G-18. | Existing gypsum deck | BP-CA5 or SBS-CA5 (smooth) | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-CA5 or SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -165.0 |
| G-19. | Existing gypsum deck | 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) | Min. 0.625-inch SECUROCK Gypsum-Fiber 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 | -195.0 |
| G-20. | Existing gypsum deck | BP-CA5 or SBS-CA5 (smooth) | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | 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: | | | | | | | | | | |
| G-21. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -165.0 |

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

| System No. | Deck (Note 1, Note 12) | Vapor Barrier (Note 15) | 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 | |
| G-22. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -180.0 |
| G-23. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -165.0 |
| G-24. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -180.0 |
| SEBS-APPLIED BASE PLY: | | | | | | | | | | |
| G-25. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -165.0 |
| G-26. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -182.5 |
| TORCH-APPLIED BASE PLY: | | | | | | | | | | |
| G-27. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -180.0 |
| G-28. | Existing gypsum deck | BP-CA6 | Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA or LRFIA(BG) | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | 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 B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Primer or Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|--|----------------------|---|---|--|-----------------------------------|---|---------------------------------|--|---------------------------------|----------------------|---|------------------------------------|-----------|
| | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | | | | | | | |
| G-29. | Existing gypsum deck | 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) | 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) | BP-CA1 or SBS-CA1 | (Optional) BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -45.0* |
| BURMASTIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | | | | | | | |
| G-30. | Existing gypsum deck | 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) | 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) | BP-CA6 or SBS-CA6 | (Optional) BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -45.0* |
| G-31. | Existing gypsum deck | 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-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -75.0 |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | | | | | | | |
| G-32. | Existing gypsum deck | 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) | 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) | BP-CA5 or SBS-CA5 | (Optional) BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -45.0* |
| G-33. | Existing gypsum deck | 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) | 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) | BP-CA5 or SBS-CA5 | (Optional) BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -45.0* |

TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Primer or Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------------|-------------------------------|---|---|--|---|---|--------------------------------------|---|--------------------------------------|--------------------------------------|---|--|---------------------------|
| | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| G-34. | Existing gypsum deck | 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-35. | Existing gypsum deck | 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) | 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) | BP-AA, SBS-AA | (Optional) BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | BP-CA1, BP-AA, SBS-CA1, SBS-AA or APP-TA | -45.0* |
| G-36. | Existing gypsum deck | 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-AA or SBS-AA | BP-CA1, BP-AA, SBS-CA1 or SBS-AA | -75.0 |
| G-37. | Existing gypsum deck | 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 | (Optional) BP-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-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 | Hot asphalt | BP-AA, SBS-AA | (Optional) BP-AA or SBS-AA | BP-AA or SBS-AA | -45.0* |
| G-38. | Existing gypsum deck | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-AA, SBS-AA | (Optional) BP-AA or SBS-AA | BP-AA or SBS-AA | -75.0 |

TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Primer or Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|-------------------------------|---|--|--|---|---|--------------------------------------|---|--------------------------------------|--------------------------------------|---------------------------------------|-----------------|---------------------------|
| | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| G-39. | Existing gypsum deck | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-AA, SBS-AA | (Optional) BP-AA or SBS-AA | BP-AA or SBS-AA | -75.0 |
| G-40. | Existing gypsum deck | 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) | 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) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -45.0* |
| G-41. | Existing gypsum deck | 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 |
| G-42. | Existing gypsum deck | 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 | (Optional) BP-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-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 | Hot asphalt | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -45.0* |
| G-43. | Existing gypsum deck | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -75.0 |

TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Primer or Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|-------------------------------|-------------------------------|---|--|--|---|---|--------------------------------------|---|--------------------------------------|--------------------------------------|---------------------------------------|----------|---------------------------|
| | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| G-44. | Existing gypsum deck | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board 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: | | | | | | | | | | | | | |
| G-45. | Existing gypsum deck | 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) | 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) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -45.0* |
| G-46. | Existing gypsum deck | 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 |
| G-47. | Existing gypsum deck | 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 | (Optional) BP-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-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 | Hot asphalt | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -45.0* |
| G-48. | Existing gypsum deck | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -75.0 |

TABLE 6C: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Primer or Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|--------------------------------|-------------------------------|---|--|--|---|---|--------------------------------------|--|--------------------------------------|--------------------------------------|------------------------------|----------------|---------------------------|
| | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| G-49. | Existing gypsum deck | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board 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: | | | | | | | | | | | | | |
| G-50. | Existing gypsum deck | 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) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -45.0* |
| G-51. | Existing gypsum deck | 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 |
| G-52. | Existing gypsum deck | 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 | (Optional) BP-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -45.0* |
| G-53. | Existing gypsum deck | 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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -75.0 |

TABLE 6c: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Primer or Vapor Barrier (Note 15) | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|----------------------|---|--|---|---|---|----------------------|--|----------------------|----------------------|---------------------------|----------------|-----------|
| | | Type | Fasten (Note 11) | Attach | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| G-54. | Existing gypsum deck | 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 (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-AA, SBS-AA or SBS-TA (smooth) | Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL or Multi-Max FA3 | Hot asphalt | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | 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 | |
| BURMASTIC ADHESIVE OR POWERPLY STANDARD COLD ADHESIVE APPLIED BASE PLY: | | | | | | | |
| G-55. | Existing gypsum deck | 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 or SBS-CA1 | -45.0* |
| BURMASIC ADHESIVE MC APPLIED BASE PLY: | | | | | | | |
| G-56. | Existing gypsum deck | 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -45.0* |
| G-57. | Existing gypsum deck | 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-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -60.0 |
| G-58. | Existing gypsum deck | 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-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -75.0 |
| G-59. | Existing gypsum deck | 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.</i> | | | | | |
| POWERPLY ENDURE BIO ADHESIVE TF APPLIED BASE PLY: | | | | | | | |
| G-60. | Existing gypsum deck | 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* |

**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 | |
| G-61. | Existing gypsum deck | 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-62. | Existing gypsum deck | 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-63. | Existing gypsum deck | 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 |
| | <i>Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.</i> | | | | | | |
| HOT-ASPHALT-APPLIED BASE PLY: | | | | | | | |
| G-64. | Existing gypsum deck | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -45.0* |
| G-65. | Existing gypsum deck | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -60.0 |
| G-66. | Existing gypsum deck | 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 SBS-CA1, BP-AA, SBS-AA or APP-TA | -75.0 |
| G-67. | Existing gypsum deck | 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.</i> | | | | | | |
| G-68. | Existing gypsum deck | 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-69. | Existing gypsum deck | 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-70. | Existing gypsum deck | 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-71. | Existing gypsum deck | 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.</i> | | | | | | |
| SEBS-APPLIED BASE PLY: | | | | | | | |

**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 | |
| G-72. | Existing gypsum deck | 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-73. | Existing gypsum deck | 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-74. | Existing gypsum deck | 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-75. | Existing gypsum deck | 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 |
| | <i>Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.</i> | | | | | | |
| TORCH-APPLIED BASE PLY: | | | | | | | |
| G-76. | Existing gypsum deck | 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-77. | Existing gypsum deck | 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-78. | Existing gypsum deck | 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-79. | Existing gypsum deck | 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 |
| | <i>Note: *Field withdrawal resistance testing (Note 11) shall yield minimum 140 lbf.</i> | | | | | | |

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

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate (Note 1 , Note 12) | Base Insulation Layer | | Top Insulation Layer | | Roof Cover (Note 15) | | | MDP (psf) ^A |
|--|--|---|---|--|---|--|---|------------------------------------|---------------------------|
| | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| 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) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or Structodek HD with Primed Red Coating or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-CA1 or SBS-CA1 | (Optional) One or more BP-CA1 or SBS-CA1 | BP-CA1 or SBS-CA1 | -60.0 |
| BURMASTIC ADHESIVE MC 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 | 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) | BP-CA6 or SBS-CA6 | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -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) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -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) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-CA6 or SBS-CA6 | BP-CA1, BP-CA6, SBS-CA1 or SBS-CA6 | -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) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -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) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA6 or SBS-CA6 | (Optional) One or more BP-CA6 or SBS-CA6 | BP-CA6 or SBS-CA6 | -285.0 |
| POWERPLY ENDURE BIO ADHESIVE TF 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 | 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) | BP-CA5, SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -142.5 |

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

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate (Note 1 , Note 12) | Base Insulation Layer | | Top Insulation Layer | | Roof Cover (Note 15) | | | MDP (psf) ^A |
|--------------------------------------|---|---|---|--|---|--|---|---|---------------------------|
| | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| R-9. | 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | BP-CA5, SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -157.5 |
| R-10. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA(BG) | 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) | BP-CA5, SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -165.0 |
| R-11. | 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) | 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) | BP-CA5, SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -165.0 |
| R-12. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA(BG) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | BP-CA5, SBS-CA5 | (Optional) One or more BP-CA5 or SBS-CA5 | BP-CA5 or SBS-CA5 | -187.5 |
| 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) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | 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-14. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA | Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -142.5 |
| R-15. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -165.0 |
| R-16. | 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) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -165.0 |

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

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate (Note 1 , Note 12) | Base Insulation Layer | | Top Insulation Layer | | Roof Cover (Note 15) | | | MDP (psf) ^A |
|-------------------------------|--|---|---|--|---|--|---|---|---------------------------|
| | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| R-17. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA(BG) | Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -180.0 |
| R-18. | 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) | Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-AA, SBS-AA | (Optional) One BP-CA1 or SBS-CA1 or one or more BP-AA, SBS-AA or APP-TA | BP-CA1 SBS-CA1, BP-AA, SBS-AA or APP-TA | -180.0 |
| R-19. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA | Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -142.5 |
| 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(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -165.0 |
| R-21. | 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) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -165.0 |
| R-22. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA(BG) | Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -180.0 |
| R-23. | 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) | Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | SBS-AA | (Optional) One or more SBS-AA, SBS-TA | SBS-TA | -180.0 |
| SEBS-APPLIED BASE PLY: | | | | | | | | | |
| R-24. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA | Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -142.5 |

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

^A The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate (Note 1 , Note 12) | Base Insulation Layer | | Top Insulation Layer | | Roof Cover (Note 15) | | | MDP (psf) ^A |
|--------------------------------|--|---|---|--|---|--|------------------------------|----------------|---------------------------|
| | | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| 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(BG) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -165.0 |
| R-26. | 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) | Min. 0.5-inch Structodek HD with Primed Red Coating | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -165.0 |
| R-27. | Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA | LRFIA(BG) | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -187.5 |
| R-28. | 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) | Min. 0.25-inch DensDeck Prime | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -262.5 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | BP-SEBS, SBS-SEBS | (Optional) BP-SEBS, SBS-SEBS | SBS-SEBS | -285.0 |
| TORCH-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 | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -180.0 |
| 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) | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -180.0 |
| 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) | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -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) | Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board | LRFIA or LRFIA(BG) | APP-TA, SBS-TA | (Optional) APP-TA, SBS-TA | APP-TA, SBS-TA | -262.5 |