



ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Polyglass USA, Inc.

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PEER-PLYG-001.B.R25

FL1654-R41 (HVHZ)

Date of Issuance: 12/12/2013

Revision 25: 12/11/2025

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 compliance with the **8th Edition (2023) Florida Building Code, High Velocity Hurricane Zone (HVHZ)** [sections noted herein](#).

DESCRIPTION: Polyglass Modified Bitumen Roof Systems (HVHZ)

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

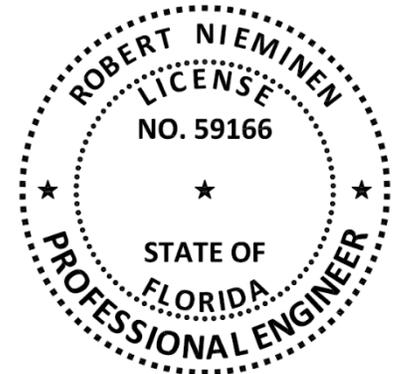
CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO 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: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be 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 97-pages of 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 PEERs 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: Polyglass Modified Bitumen Roof Systems, as produced by Polyglass USA, Inc., have demonstrated compliance with the following sections of the 8th Edition (2023) Florida Building Code, High Velocity Hurricane Zone (HVHZ) 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
TAS 110	Resistance to Foot Traffic	TAS 114, Section 8.9
TAS 110	Wind resistance	TAS 114, Appendix C, D or J
TAS 110	Susceptibility to Hail Damage	TAS 114, Appendix F
TAS 110	Susceptibility to Leakage	TAS 114, Appendix G
TAS 110	Material standard (asphaltic)	ASTM D4601, D4897, D3909
TAS 110	Material standard (modified bitumen)	ASTM D6162, D6163, D6164, D6222, D6509

3. REFERENCES:

ENTITY	EXAM	REFERENCE	DATE	ENTITY	EXAM	REFERENCE	DATE
NEMO (TST6049)	ASTM D4897	4S-PLYG-18-002.11.18-2	11/16/18	FM (TST1867)	FM 4470	3006115	05/02/01
NEMO (TST6049)	ASTM D6164	4S-PLYG-18-002.11.18-3	11/28/18	FM (TST1867)	FM 4470	3002416	02/07/02
NEMO (TST6049)	ASTM D6163	4S-PLYG-18-002.01.19-A	01/24/19	FM (TST1867)	FM 4470	3012321	07/29/02
NEMO (TST6049)	ASTM D6162/G155	4S-PLYG-18-002.01.19-B	01/25/19	FM (TST1867)	FM 4470	3014692	08/05/03
NEMO (TST6049)	ASTM D6163	4S-PLYG-18-002.05.19-H	05/20/19	FM (TST1867)	FM 4470	3019317	06/30/04
NEMO (TST6049)	ASTM D6222/G155	4S-PLYG-18-002.05.19-C	05/20/19	FM (TST1867)	FM 4470	3020703	07/30/04
NEMO (TST6049)	ASTM D6222/G155	4S-PLYG-18-002.05.19-D	05/20/19	FM (TST1867)	FM 4470/4474	3018332	01/31/06
NEMO (TST6049)	ASTM D6164	4S-PLYG-18-002.05.19-N	05/31/19	FM (TST1867)	FM 4470/4474	3023368	03/20/06
NEMO (TST6049)	ASTM D6164	4S-PLYG-18-002.08.19-I	09/06/19	FM (TST1867)	FM 4470/4474	3022038	04/05/06
NEMO (TST6049)	ASTM D6164/G155	4S-PLYG-18-002.09.19-J	09/06/19	FM (TST1867)	FM 4470/4474	3024594	05/23/06
NEMO (TST6049)	ASTM D4601	4q-PLYG-19-SSMBB-02.A	12/13/19	FM (TST1867)	FM 4470/4474	3023458	07/18/06
NEMO (TST6049)	ASTM D6164	4q-PLYG-19-SSMBB-04.A	01/02/20	FM (TST1867)	FM 4470/4474	3025185	05/22/07
NEMO (TST6049)	ASTM D6164/G155	4q-PLYG-19-SSMBB-04.B	01/02/20	FM (TST1867)	FM 4470/4474	3025185	05/22/07
NEMO (TST6049)	ASTM D6222/G155	4q-PLYG-19-SSMBB-05.A	07/23/20	FM (TST1867)	FM 4470/4474	3030668	09/12/07
NEMO (TST6049)	ASTM D6164	4q-PLYG-20-SSMBB-04.A	10/21/20	FM (TST1867)	FM 4470/4474	3032172	06/12/09
NEMO (TST6049)	ASTM D6163 (T2)	4q-PLYG-20-SSMBB-05.A.R1	10/18/21	FM (TST1867)	FM 4470/4474	3049631	04/21/14
NEMO (TST6049)	ASTM D6164	4q-PLYG-22-SSMBB-04.A	04/21/23	FM (TST1867)	FM 4470/4474	3053475	02/11/16
NEMO (TST6049)	ASTM D6509	4q-PLYG-22-SSMBB-01.A	06/14/23	FM (TST1867)	FM 4470/4474	3055491	12/05/16
NEMO (TST6049)	ASTM D6222/G155	4q-PLYG-22-SSMBB-01.B	06/14/23	FM (TST1867)	FM 4470/4474	3057029	02/02/17
NEMO (TST6049)	ASTM D6222/G155	4q-PLYG-22-SSMBB-01.C	06/14/23	FM (TST1867)	FM 4474	PR457312	04/20/21
NEMO (TST6049)	ASTM D4601	4q-PLYG-23-SSMBB-02.A	07/06/23	FM (TST1867)	Criticality	PR456300	11/18/21
NEMO (TST6049)	ASTM D6164/G155	4q-PLYG-22-SSMBB-01.D	07/28/23	FM (TST1867)	Traceability	PR461792	12/15/21
NEMO (TST6049)	ASTM D6163 (T2)	4q-PLYG-23-SSMBB-01.A.R1	12/01/23	FM (TST1867)	FM 4470/4474	PR454230 (DATA)	01/26/22
NEMO (TST6049)	ASTM D6163	4q-PLYG-23-SSMBB-01.B	03/14/24	FM (TST1867)	FM 4470/4474	RR243135	09/27/24
NEMO (TST6049)	ASTM D6164	4q-PLYG-22-SSMBB-01.E	06/20/24	FM (TST1867)	FM 4470/4474	PR470524	10/07/24
NEMO (TST6049)	ASTM D6163 (T2)	4q-PLYG-22-SSMBB-01.F	08/20/24	M-D (CER1592)	Prop. for Rev.	10-0823	10/12/10
NEMO (TST6049)	ASTM D6163	4q-PLYG-22-SSMBB-01.G	08/20/24	M-D (CER1592)	TAS 114	23-0817.05	09/14/23
NEMO (TST6049)	ASTM D6163	4q-PLYG-SSMBB-001.A	07/08/25	NEMO	Traceability	TFRM-0020-ICP	02/10/22
NEMO (TST6049)	ASTM D6163	4q-PLYG-SSMBB-001.B	07/08/25	NEMO (TST6049)	Criticality	4S-PLYG-18-001.06.18	06/23/18
NEMO (TST6049)	ASTM D3909	4q-PLYG-SSMBB-001.C	07/08/25	NEMO (TST6049)	TAS 114	4L-PLYG-18-003.08.18	08/21/18
NEMO (TST6049)	ASTM D6162	4q-PLYG-SSMBB-002.A	11/05/25	NEMO (TST6049)	Criticality	4S-PLYG-18-001.10.18	10/03/18
NEMO (TST6049)	ASTM D6162	4q-PLYG-SSMBB-002.B	11/05/25	NEMO (TST6049)	TAS 114	4L-PLYG-18-003.11.18	11/28/18
PRI (TST5878)	ASTM D4601	MSA-039-02-03	09/27/17	NEMO (TST6049)	TAS 114	4L-PLYG-18-003.01.19	01/11/19
ACRC (TST4671)	TAS 114	22-023	01/04/23	NEMO (TST6049)	TAS 114	4L-PLYG-18-003.04.19-A	04/08/19
ACRC (TST4671)	TAS 114	22-026	01/04/23	NEMO (TST6049)	TAS 114	4L-CEL-18-001.12.18-2	07/10/19
ACRC (TST4671)	TAS 114	22-027	01/04/23	NEMO (TST6049)	Criticality	4S-PLYG-18-001.06.19.A	07/17/19
ERD (TST11294)	TAS 114	PLYG-CTL13945.05.17-1	05/30/17	NEMO (TST6049)	TAS 114	4a-CEL-19-LSWUS-01.B	09/17/19
ERD (TST11294)	TAS 114	PLYG-CTL13945.05.17-3	05/30/17	NEMO (TST6049)	TAS 114	2L-ERD-18-001.10.19.B	03/12/20
ERD (TST6049)	TAS 114	11757.04.01-1-R1	04/25/01	NEMO (TST6049)	TAS 114	4a-PLYG-20-LSWUS-01.A	08/28/20
ERD (TST6049)	TAS 114	01090.01.03-1	01/22/03	NEMO (TST6049)	TAS 114	4a-PLYG-20-LSWUS-02.A	10/05/20
ERD (TST6049)	TAS 114	P13760.09.09	09/10/09	NEMO (TST6049)	TAS 114	4a-PLYG-21-LSWUS-01.A	11/29/21
ERD (TST6049)	TAS 114	P13770.09.09	09/10/09	NEMO (TST6049)	TAS 114	4a-VPS-22-LSWUS-01.A	02/13/23
ERD (TST6049)	TAS 114	P30540.11.09-R1	11/30/09	NEMO (TST6049)	TAS 114	4a-ERD-23-LSWUS-03.A	06/15/23

ENTITY	EXAM	REFERENCE	DATE	ENTITY	EXAM	REFERENCE	DATE
ERD (TST6049)	TAS 114	P30550.12.09	12/02/09	NEMO (TST6049)	TAS 114	4a-PLYG-23-LSWUS-02.A	09/07/23
ERD (TST6049)	TAS 114	P33970.03.11	03/15/11	NEMO (TST6049)	TAS 114	4a-PLYG-23-LSWUS-01.A	08/29/23
ERD (TST6049)	TAS 114	P39680.03.13	03/04/13	NEMO (TST6049)	TAS 114	4a-PLYG-23-LSWUS-04.A	10/04/23
ERD (TST6049)	TAS 114	P41630.08.13	08/06/13	NEMO (TST6049)	TAS 114	4a-PLYG-23-LSWUS-06.A	12/08/23
ERD (TST6049)	TAS 114	SC6160.11.14	11/10/14	NEMO (TST6049)	Criticality	4i-VPS-SSCRT-001.A	05/08/24
ERD (TST6049)	TAS 114	SC8085.05.15	05/19/15	NEMO (TST6049)	TAS 114	4a-ERD-23-LSWUS-04	05/09/24
ERD (TST6049)	TAS 114	SC9455.15	04/01/16	NEMO (TST6049)	FM 4474	4a-PLYG-23-LSWUS-03.A	06/20/24
ERD (TST6049)	TAS 114	PLYG-SC8905.05.16-1	05/17/16	NEMO (TST6049)	Criticality	4i-PLYG-SSCRT-001	08/19/24
ERD (TST6049)	TAS 114	PLYG-SC8905.05.16-2	05/17/16	NEMO (TST6049)	FM 4474	4a-PLYG-LSWUS-004.A	10/14/24
ERD (TST6049)	TAS 114	PLYG-SC12095.07.16	07/14/16	NEMO (TST6049)	FM 4474	4a-PLYG-LSWUS-001.A	10/16/24
ERD (TST6049)	TAS 114	PLYG-SC10815.07.16-R1	09/23/16	NEMO (TST6049)	FM 4474	4a-PLYG-LSWUS-003.A	11/20/24
ERD (TST6049)	TAS 114	PLYG-SC12025.10.16	10/12/16	NEMO (TST6049)	FM 4474	4a-VPS-LSWUS-02.A	10/16/24
ERD (TST6049)	TAS 114	PLYG-SC11475.16	11/17/16	NEMO (TST6049)	Criticality	4i-PLYG-SSCRT-003.A	02/05/25
ERD (TST6049)	TAS 114	PLYG-SC6070.12.16	12/20/16	NEMO (TST6049)	FM 4474	4a-PLYG-LSWUS-009.A	11/04/25
ERD (TST6049)	TAS 114	PLYG-SC13235.01.17	01/17/17	NEMO (TST6049)	FM 4474	4a-PLYG-LSWUS-008.A	12/09/25
ERD (TST6049)	TAS 114	PLYG-SC13920.05.17	05/30/17	NEMO (TST6049)	FM 4474	4a-PLYG-LSWUS-007(D)	12/09/25
ERD (TST6049)	TAS 114	PLYG-SC15760.09.17	09/11/17	PRI (TST5878)	TAS 114	PUSA-188-02-01	02/08/17
FM (TST1867)	FM 4470	2W7A7.AM	08/04/94	PRI (TST5878)	TAS 114	PUSA-188-02-02	02/08/17
FM (TST1867)	FM 4470	1Z5A6.AM	10/25/96	PRI (TST5878)	TAS 114	PUSA-188-02-03	02/08/17
FM (TST1867)	FM 4470	0D3A3.AM	04/04/97	PRI (TST5878)	TAS 114	PUSA-202-02-01	05/17/17
FM (TST1867)	FM 4470	2B8A4.AM	07/02/97	PRI (TST5878)	TAS 114	PUSA-202-02-02	05/17/17
FM (TST1867)	FM 4470	2D0A0.AM	12/23/98	PRI (TST5878)	ASTM D3019	128870015	09/23/21
FM (TST1867)	FM 4470	2D5A9.AM	06/22/99	PRI (TST5878)	TAS 114	708T0257.1	08/05/24
FM (TST1867)	FM 4470	3006646	01/04/00	PRI (TST5878)	TAS 114	708T0258	10/29/24
FM (TST1867)	FM 4470	3000857	01/12/00	PRI (TST5878)	TAS 114	708T0289	04/29/25
FM (TST1867)	FM 4470	3004091	01/12/00	NEMO	Data Release	DRA, CEL	10/04/23
FM (TST1867)	FM 4470	3001334	02/15/00	NEMO	Data Release	DRA-VPS	05/31/24
				UL (QUA9625)	Quality Control	Service Confirm	05/29/25
				UL (QUA9625)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

This PEER covers **Polyglass Modified Bitumen Roof Systems** installed in accordance with **Polyglass USA, Inc.** published installation instructions and the [Limitations of Use](#) herein.

TABLE 1: EVALUATED MEMBRANES					
TYPE	PRODUCT	MATERIAL STANDARD			PLANT(S)
		REFERENCE	TYPE	GRADE	
BASE SHEETS	Polyglass G2 Base	ASTM D4601	II	N/A	AL
	Elastobase SA	ASTM D4601 ASTM D6163 (Table 2)	II	N/A	FL, PA, TX
	ModiFleece	ASTM D4601	II	N/A	FL, TX
	Elastovent	ASTM D4897	N/A	N/A	PA
	Polybase V (formerly "Polyglass Base")	ASTM D6509	N/A	N/A	FL
APP, SMOOTH-SURFACE MEMBRANES	Polybond	ASTM D6222	I	S	FL
	Polyflex	ASTM D6222	I	S	FL
APP, GRANULE-SURFACE MEMBRANES	Polybond G	ASTM D6222	I	G	FL
	Polyflex G	ASTM D6222	I	G	FL
	Polyflex G FR	ASTM D6222	I	G	FL
	Polyfresko G	ASTM D6222	I	G	NV
	Polyfresko G FR	ASTM D6222	I	G	NV
	Polyflex SA P	ASTM D6222	I	G	FL, TX
	Polyflex SA P FR	ASTM D6222	I	G	TX
	Polyfresko G SA	ASTM D6222	I	G	NV
Polyfresko G SA FR	ASTM D6222	I	G	NV	

TABLE 1: EVALUATED MEMBRANES

TYPE	PRODUCT	MATERIAL STANDARD			PLANT(S)
		REFERENCE	TYPE	GRADE	
SBS, SMOOTH-SURFACE MEMBRANES	Elastoshield VP HT (formerly "Elastoshield HT")	ASTM D6162	III	S	FL
	Elastobase V (formerly "Elastobase")	ASTM D6163	I	S	FL
	Elastoflex V 22	ASTM D6163	I	S	FL
	Elastoflex V	ASTM D6163	I	S	FL
	Elastoflex SA V (2.0mm)	ASTM D6163	I	S	FL, TX
	Elastoflex SA V FR (2.0mm)	ASTM D6163	I	S	FL, TX
	Elastoflex SA V Plus (2.5mm)	ASTM D6163	I	S	FL, TX
	Elastoflex SA V Plus FR (2.5mm)	ASTM D6163	I	S	FL, TX
	Elastobase P	ASTM D6164	I	S	FL, TX
	Elastoflex SA Base	ASTM D6164	I	S	PA, TX
	Elastoflex S6	ASTM D6164	I	S	FL
	Elastoshield TS	ASTM D6164	I	S	PA
	Elastoflex S6 HP	ASTM D6164	II	S	NV
	SBS, GRANULE SURFACE MEMBRANES	Elastoshield HT G	ASTM D6162	III	G
Elastoshield HT G FR		ASTM D6162	III	G	FL
Elastoflex V G		ASTM D6163	I	G	FL, PA
Elastoflex V G		ASTM D3909	N/A	N/A	FL
Elastoflex V G FR		ASTM D6163	I	G	FL, PA
Elastoflex S6 G		ASTM D6164	I	G	FL, PA
Elastoflex S6 G FR		ASTM D6164	I	G	FL
Polyfresko G SBS		ASTM D6164	I	G	NV
Polyfresko G SBS FR		ASTM D6164	I	G	NV
Elastoshield TS G		ASTM D6164	I	G	FL, TX
Elastoshield TS G FR		ASTM D6164	I	G	FL, TX
Elastoflex SA P		ASTM D6164	I	G	FL, TX
Elastoflex SA P FR		ASTM D6164	I	G	FL, TX
Polyfresko G SBS SA		ASTM D6164	I	G	NV
Polyfresko G SBS SA FR		ASTM D6164	I	G	NV

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 exclusively for use in High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 The evaluation herein pertains to above-deck roof components; deck-attachment details pertain to 'as-tested' conditions under [Testing Application Standard TAS 114, Appendix J](#). Roof decks shall be in accordance with **FBC HVHZ** requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC HVHZ 1516** 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 [Roofing Application Standard RAS 111](#) for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC HVHZ 1521** for requirements and limitations regarding recover installations.
- 5.6.1 For mechanically attached components over existing roof decks, at the discretion of the Authority Having Jurisdiction, 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 [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 to yield minimum required withdrawal resistance.
- 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 [Testing Application Standard TAS 124](#) shall be conducted on mock-ups of the proposed new roof assembly to the satisfaction of the Authority Having Jurisdiction.
- 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 [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 [Testing Application Standard TAS 114](#) has already been applied). Refer to **FBC HVHZ 1620** and [Roofing Application Standard RAS 128](#) for determination of design wind loads.
- 5.7.2 For mechanically attached components, 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 HVHZ 1620** or [Roofing Application Standard RAS 128](#). Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Analysis shall be in accordance with [Roofing Application Standard RAS 117](#) or [RAS 137](#). **This extrapolation is not permitted for systems marked with an asterisk*.*
- 5.7.3 For tables and/or assemblies marked with an asterisk*, the maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.
- 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:

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

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

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

9. QUALITY ASSURANCE ENTITY:

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

- THE 97-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, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	10
1B	Wood	New, Reroof (Tear-Off) or Recover	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor or Air Barrier, Bonded Insulation, Bonded Roof Cover	11
1C	Wood	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	12
1D	Wood	New, Reroof (Tear-Off) or Recover	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	14
1E	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	16
1F	Wood	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	18
1G	Wood	New or Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet (nails), Bonded Roof Cover	21
1H	Wood	New, Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet (screws), Bonded Roof Cover	28
2A	Steel	New, Reroof (Tear-Off)	A-2	Bonded Vapor or Air Barrier, Bonded Insulation(s), Bonded Roof Cover	23
2B	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	29
2C	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	39
2D	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	45
2E	Steel or Structural concrete	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Velociflex, Bonded Roof Cover	47
3A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	50
3B	Structural concrete	New or Reroof (Tear-Off)	A-2	Bonded Vapor or Air Barrier, Bonded Insulation, Bonded Roof Cover	64
3C	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	65
4A	Deck with Lightweight concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	66
4B	Deck with Lightweight concrete	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	72
4C	Deck with Lightweight concrete	New or Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	74
4D	Deck with Lightweight concrete	New or Reroof (Tear-Off)	E-2	Mechanically Attached Thermal Barrier, Bonded Vapor or Air Barrier, LWC, Mechanically Attached Base Sheet, Bonded Roof Cover	77
4E	Deck with Lightweight concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	77
5A	Cementitious wood fiber	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	79
5B	Cementitious wood fiber	Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	80
5C	Cementitious wood fiber	Reroof (Tear-Off) or Recover	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	81
5D	Cementitious wood fiber	Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	82
5E	Cementitious wood fiber	Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	82
6A	Existing gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	83
6B	Existing gypsum	New, Reroof (Tear-Off) or Recover	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	87
6C	Existing gypsum	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	87
6D	Existing gypsum	New, Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	87
6E	Existing gypsum	Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	87
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	88
7B	Various	Recover	F	Non-Insulated, Bonded Roof Cover	97

The following notes apply to the systems outlined herein:

- The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC HVHZ requirements to the satisfaction of the Authority Having Jurisdiction. The table below lists various 'as-tested' deck conditions in accordance with [Testing Application Standard TAS 114\(J\)](#). Steel deck stress analysis is the responsibility of others to the satisfaction of the Authority Having Jurisdiction.

POLYGLASS AS-TESTED DECK ATTACHMENT DETAILS (TAS 114, APPENDIX J)				
TYPE	TESTED SPAN (FT O.C.)	TESTED FASTENER	TESTED FASTENER SPACING (INCH O.C.)	AS-TESTED ALLOWABLE PRESSURE (PSF)
Min. 15/32-inch APA rated CDX plywood	2	8d ring shank nails	6	-105.0
	2	#10 wood screws	6	-90.0
	2	#10 wood screws	4	-120.0
	2	#8 wood screws	6	-127.5
	2 ft o.c., and blocked 4 ft o.c.	#10 wood screws	4	-142.5
Min. 19/32-inch APA rated CDX plywood	2	8d ring shank nails	6	-60.0
	2	#10 wood screws	6	-127.5
Min. 22 ga., Type B, Grade 33 steel	6	#12 HWH Tek 5	6	-112.5
Min. 22 ga., Type B, Grade 40 steel	6	5/8" puddle welds	6	-97.5
	6	#12 HWH Tek 5 with 3/4" washers	6	-135.0
Min. 22 ga., Type B, Grade 50 steel	6	5/8" puddle welds	6	-105.0
Min. 22 ga., Type B, Grade 80 steel	6	5/8" puddle welds	6	-127.5

- 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 HVHZ	PARTS	MINIMUM ENGAGEMENT
Wood	Altenloh, Brinck and Co. U.S., Inc.	NOA 25-0129.08	Trufast #14 HD with Trufast 3" Metal Insulation Plate	Minimum 3/4-inch plywood penetration or minimum 1-inch wood plank embedment
	OMG, Inc.	NOA 24-0627.03	OMG #14 Heavy Duty with OMG 3 in. Round Metal Plate	
	Polyglass USA	N/A	OMG #14 Roofgrip with OMG Accutrac Flat Bottom	
	SFS Group USA, Inc.	NOA 22-0913.02	#14 Polygrip with 2 7/8 in. Polygrip Hex Plate	
Steel	Altenloh, Brinck and Co. U.S., Inc.	NOA 25-0129.08	Dekfast DF-#14-PH3 with Dekfast PLT-H-2-7/8 or Dekfast PLT-R-3	Minimum 3/4-inch steel penetration and engage the top flute of the steel deck
	OMG, Inc.	NOA 24-0627.03	Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	
	Polyglass USA	N/A	OMG #14 Heavy Duty with OMG 3 in. Round Metal Plate	
	SFS Group USA, Inc.	NOA 22-0913.02	OMG #12 Roofgrip, #14 Roofgrip or #15 Roofgrip with OMG Accutrac Flat Bottom	
Structural Concrete	Altenloh, Brinck and Co. U.S., Inc.	NOA 25-0129.08	#12 Polygrip, #14 Polygrip or #15 Polygrip with 2 7/8 in. Polygrip Hex Plate	Minimum 1.25-inch embedment. Fastener installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions
	OMG, Inc.	NOA 24-0627.03	Dekfast DF-#12-PH3, DF-#14-PH3 or DF-#15-PH3 with Dekfast PLT-H-2-7/8 or Dekfast PLT-R-3	
	Polyglass USA	N/A	OMG #14 Heavy Duty or CD-10 with OMG 3 in. Round Metal Plate	
	SFS Group USA, Inc.	NOA 22-0913.02	OMG #14 Roofgrip with OMG Accutrac Flat Bottom	
			#14 Polygrip with 2 7/8 in. Polygrip Hex Plate	
			Dekfast DF-#14-PH3 with Dekfast PLT-H-2-7/8 or Dekfast PLT-R-3	

- Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.

- 4 Minimum 200 psi, minimum 2-inch thick FBC HVHZ 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. If mechanical attachment to the structural deck through lightweight insulating concrete is proposed, field withdrawal resistance testing shall be performed to confirm equivalent or determine enhanced fastening patterns and density. All testing and fastening design shall be in compliance with [Testing Application Standard](#) TAS 105 and [Roofing Application Standard](#) RAS 117 and/or RAS 137. Calculations shall be prepared, signed and sealed by a qualified design professional.
- 5 Preliminary insulation attachment: Unless otherwise noted, use FBC HVHZ Approved roofing fasteners; minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.
- 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.

MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS				
ADHESIVE	COVERAGE	INSULATION	MIN. TAPERED THICKNESS (IN)	MDP (psf)
IB-RSIA, M-OSFA, M-PG1 or M-PG1-EF-ECO	12-inch o.c.	Listed polyisocyanurate	0.5	-210.0
IB-RSIA, M-OSFA, M-PG1 or M-PG1-EF-ECO	12-inch o.c.	Listed flat stock polyisocyanurate covered with tapered polyisocyanurate covered with listed gypsum-based coverboard	0.5	-360.0
P-LRF-CR	12-inch o.c.	Listed polyisocyanurate	1.0	-117.5
OB500	12-inch o.c.	Rmax Multi-Max FA3	0.5	-45.0
OB500	12-inch o.c.	Polytherm-H	0.5	-315.0
OB500	12-inch o.c.	Johns Manville ENRGY 3	0.5	-315.0
OB500	12-inch o.c.	Polytherm	0.5	-487.5

- 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 HVHZ		
P-LRFM	Any polyisocyanurate listed with adhesive herein	Various	0.5	-157.5
P-LRFM-PG	Any polyisocyanurate listed with adhesive herein	Various	0.5	-157.5
P-LRF-CR	Any polyisocyanurate listed with adhesive herein	Various	1.0	-117.5
OB500	Rmax Multi-Max FA3	NOA 22-0815.03	0.5	-45.0
OB500	Polytherm-H	N/A	0.5	-315.0
OB500	Johns Manville ENRGY 3	NOA 24-0610.04	0.5	-315.0
OB500	Polytherm	N/A	0.5	-487.5

- 8 Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.

- 9 For mechanically attached components, 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 HVHZ 1620 or [Roofing Application Standard](#) RAS 128. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137. *This extrapolation is not permitted for systems marked with an asterisk*
- 10 For tables and/or assemblies marked with an asterisk*, 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, at the discretion of the Authority Having Jurisdiction, fasteners shall be tested in the existing deck for withdrawal resistance in accordance with [Testing Application Standard](#) TAS 105. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Should the fastener resistance be less than that required, a revised fastener spacing – prepared, signed and sealed by a qualified design professional in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137 – may be submitted to the Building Official for review and acceptance. 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 Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations. 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 to the satisfaction of the Authority Having Jurisdiction. 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 [Testing Application Standard](#) TAS 124.
- 13 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 HVHZ 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 HVHZ 1516 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 FBC HVHZ 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.
- 14A 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.
- As a field QA measure of the pre-existent cellular lightweight concrete:
- Compressive strength testing shall be conducted in accordance with **ASTM C513** and shall yield an average result as per the system listing.
 - Field withdrawal resistance testing in accordance with [Note 11](#) shall yield an average result as per the system listing.
 - If question exists as to wind uplift performance of the pre-existent cellular lightweight concrete, or adhesion to the LWC surface, field uplift testing in accordance with [Note 12](#) is recommended.
- All testing shall be performed by an accredited testing agency acceptable to the Authority Having Jurisdiction

15 For bonded membrane applications, unless otherwise noted, refer to the following.

MEMBRANE / ADHESIVE COMBINATIONS			
REFERENCE	LAYER	MATERIAL	APPLICATION
BP-AA	Base Ply	One or more plies Polyglass G2 Base	Hot Asphalt at 20-40 lbs/square
		One or more plies Polyglass Ply IV or Polyglass Ply VI	
SBS-CA1	Base Ply	One ply Elastobase V (sand/sand), Elastoflex V 22, Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Elastoshield VP HT	PG350 at 1.5-2.0 gal/square
	Cap Ply	Elastoshield HT G, Elastoshield HT G FR, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS (sand-backed), Polyfresko G SBS FR (sand-backed)	
SBS-CA2	Base Ply	One ply Elastobase V (sand/sand), Elastoflex V 22, Elastoflex V, Elastoflex S6, Elastoflex S6 HP	Polyplus 35 at 1.5-2.0 gal/square
	Cap Ply	Elastoshield HT G, Elastoshield HT G FR, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS (sand-backed), Polyfresko G SBS FR (sand-backed)	
SBS-CA3	Base Ply	One ply Elastobase V (sand/sand), Elastoflex V 22, Elastoflex V, Elastoflex S6, Elastoflex S6 HP	PG350 LV at 1.5-2.0 gal/square
	Cap Ply	Elastoshield HT G, Elastoshield HT G FR, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS (sand-backed), Polyfresko G SBS FR (sand-backed)	
SBS-AA	Base Ply or Ply	One or more plies Elastobase V (sand/sand or poly/sand), Elastobase P (sand/sand or poly/sand), Elastoflex V 22, Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Elastoshield VP HT	Hot Asphalt at 20-40 lbs/square
	Cap Ply	Elastoshield HT G, Elastoshield HT G FR, Elastoflex V 22, Elastoflex V, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS (sand-backed), Polyfresko G SBS FR (sand-backed)	
SBS-TA	Base Ply or Ply	One or more plies Elastobase V (sand/poly), Elastobase V (poly/poly), Elastoflex V 22, Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Elastoshield VP HT, Elastoshield TS	Torch-Applied
	Cap Ply	Elastoshield HT G, Elastoshield HT G FR, Elastoflex V 22, Elastoflex V, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS (poly-film backed), Polyfresko G SBS FR (poly-film backed)	
SBS-SA	Base Ply	One or more plies Elastobase SA, Elastoflex SA V (2.0mm), Elastoflex SA V FR (2.0mm), Elastoflex SA V Plus (2.5mm), Elastoflex SA V Plus FR (2.5mm) or Elastoflex SA Base	Self-Adhering
	Cap Ply	Elastoflex SA P, Elastoflex SA P FR, Polyfresko G SBS SA, Polyfresko G SBS SA FR	
		Note: Unless otherwise noted, permissible membrane substrates for SBS-SA are limited to the SBS-SA Base Ply options herein, Elastobase V or Elastobase P with a poly-film top surface.	
APP-CA1	Cap Ply	Polyflex G FR	PG350 at 1.5-2.0 gal/square
APP-TA	Base Ply or Ply	One or more plies Polybase V, Polyflex, Polybond	Torch-Applied
	Cap Ply	Polyflex, Polyflex G, Polyflex G FR, Polybond, Polybond G, Polyfresko G, Polyfresko G FR	
APP-SA	Cap Ply	Polyflex SA P, Polyflex SA P FR, Polyfresko G SA, Polyfresko G SA FR, Polykool	Self-Adhering
		Note: Unless otherwise noted, permissible membrane substrates for APP-SA are limited to the SBS-SA Base Ply options herein, Elastobase V or Elastobase P with a poly-film top surface.	
SBS-LRF-CR	Base Ply	Modifleece	Polyglass LRF CR, spatter-applied at 3.75 lbs/square
SBS-LRF-M-PG	Base Ply	Modifleece	Polyglass LRF M-PG, Low-Pressure Spray at 0.55 to 0.75 gal/square
SBS-LRF-PG-ECO	Base Ply	Modifleece	Polyglass LRF-PG ECO, spatter-applied at 0.3 gal./square

15A Asphalt or cold-adhesives shall not be applied to poly-film surfaced membranes.

15A DETEC Systems “TruGround® Conductive Primer” may be applied to DensDeck Prime and SECUROCK Gypsum-Fiber Roof Board with no adverse effect on system wind uplift performance.

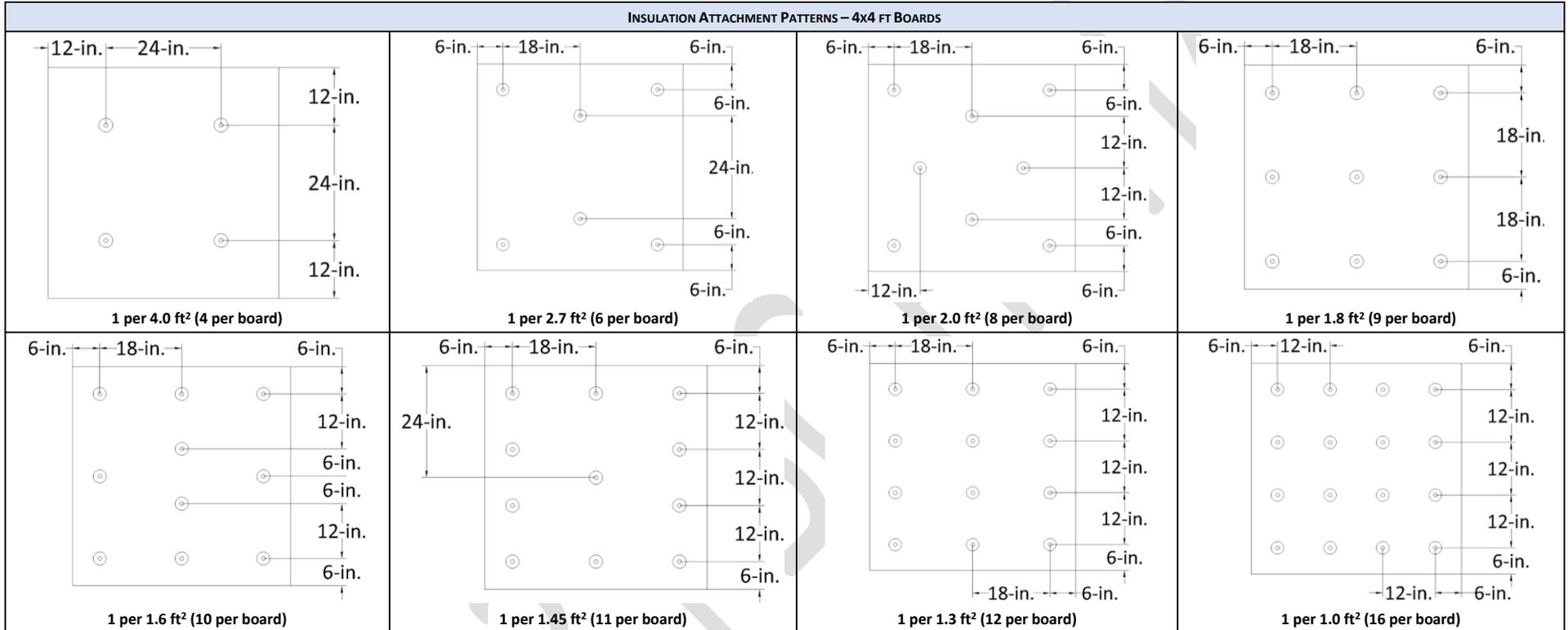
15B Surfacing materials which hold current FBC Approval for use over modified bitumen membranes may be applied to the Cap Ply without adverse effect on the system wind load performance. Refer to current Polyglass or KM Coatings [Florida Product Approval](#) or [Miami-Dade NOA](#) for approved surfacing materials and a Roofing Materials Directory for fire ratings associated with surfacing usage.

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

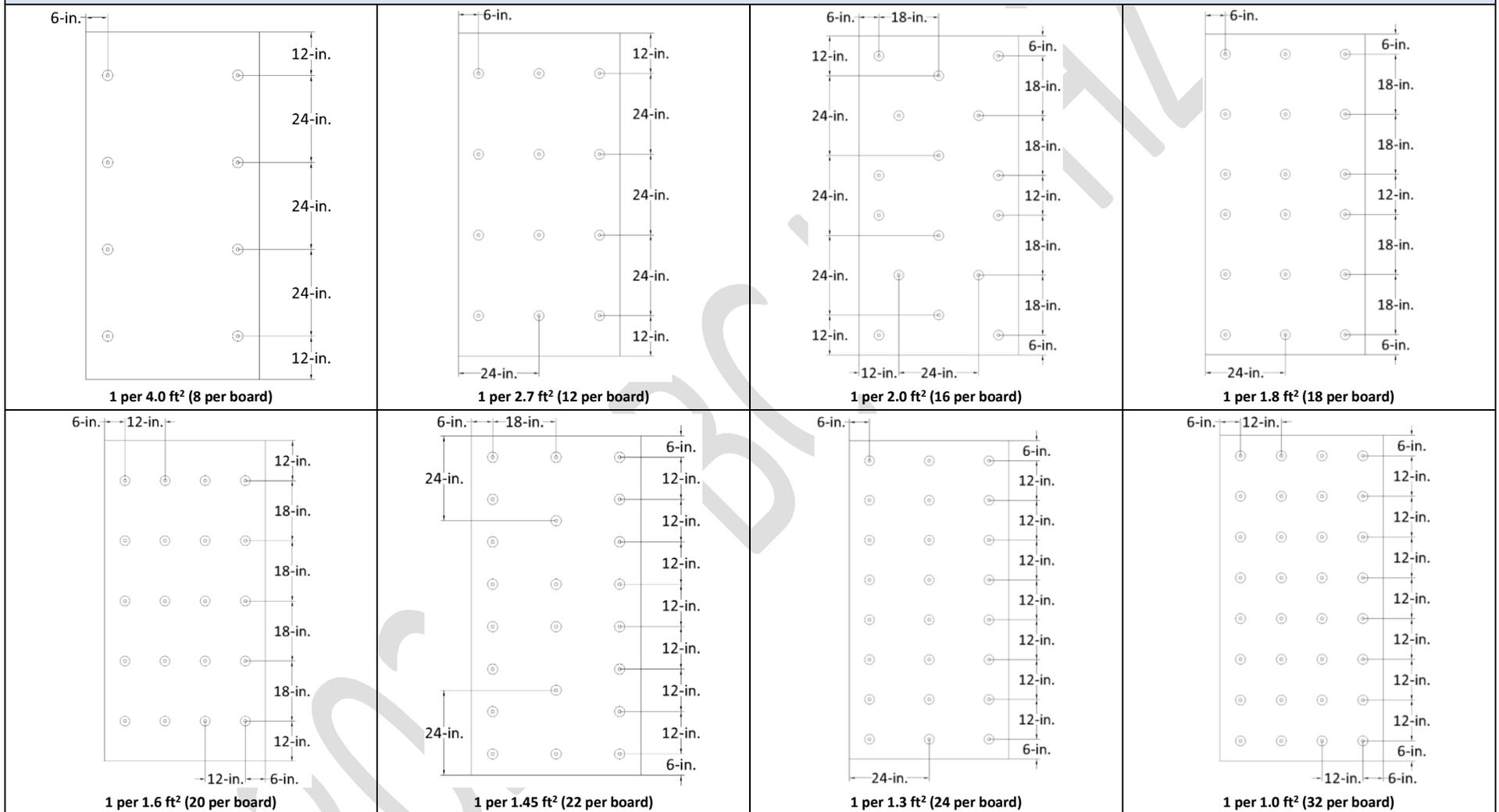
16A **Structural Concrete Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

AIR OR VAPOR BARRIER OPTIONS, STRUCTURAL CONCRETE DECK, ADHERED INSULATION					
OPTION #	PRIMER	AIR OR VAPOR BARRIER		INSULATION ADHESIVE PER TABLE 3A (NOTES 6,7,8)	MDP (psf)
		TYPE	APPLICATION		
C-VB-1.	PG100	Polyflex or Polybond		OB500, 12-inch o.c.	-135.0
C-VB-2.	PG100	Polyflex or Polybond		OB500, 6-inch o.c.	-185.0
C-VB-3.	PG100	Elastobase SA, Elastoflex SA V (2.0mm), Elastoflex SA V FR (2.0mm), Elastoflex SA V Plus (2.5mm) or Elastoflex SA V Plus FR (2.5mm) (with sanded-top-surface)		OB500, 12-inch o.c.	-240.0
C-VB-4.	PG100	SBS-TA (with sanded-top-surface)		OB500, 12-inch o.c.	-240.0
C-VB-5.	(Optional) PG100	PolyVap SA G or PolyVap SA		OB500, 12-inch o.c.	-595.0
C-VB-6.	None	PolyVap SA S		OB500, 12-inch o.c.	-595.0
C-VB-7.	PG100	Elastoflex SA V (2.0mm)		P-LRF-CR, 12-inch o.c.	-60.0
C-VB-8.	PG100	Polybase V		P-LRF-CR, 12-inch o.c.	-75.0
C-VB-9.	PG100	Polyflex or Polybond		P-LRF-CR, 12-inch o.c.	-135.0
C-VB-10.	PG100	Polyflex or Polybond		P-LRF-CR, 6-inch o.c.	-185.0
C-VB-11.	PG100	Elastobase SA, Elastoflex SA V (2.0mm), Elastoflex SA V FR (2.0mm), Elastoflex SA V Plus (2.5mm) or Elastoflex SA V Plus FR (2.5mm) (with sanded-top-surface)		P-LRF-CR, 12-inch o.c.	-240.0
C-VB-12.	PG100	SBS-TA (with sanded-top-surface)		P-LRF-CR, 12-inch o.c.	-240.0
C-VB-13.	PG100	Elastoflex SA P, Polyfresko G SBS SA		P-LRF-CR, 12-inch o.c.	-270.0
C-VB-14.	PG100	Elastoflex S6 (with sanded-top-surface)		P-LRF-CR, 12-inch o.c.	-330.0
C-VB-15.	(Optional) PG100	PolyVap SA G or PolyVap SA		P-LRF-CR, 12-inch o.c.	-595.0
C-VB-16.	None	PolyVap SA S		P-LRF-CR, 12-inch o.c.	-595.0
C-VB-17.	PG100	Polyflex or Polybond		P-LRFM or P-LRFM-PG, 12-inch o.c.	-135.0
C-VB-18.	PG100	Elastoflex SA P, Polyfresko G SBS SA		P-LRFM, 12-inch o.c.	-157.5
C-VB-19.	PG100	Polyflex or Polybond		P-LRFM or P-LRFM-PG, 6-inch o.c.	-185.0
C-VB-20.	PG100	Elastobase SA, Elastoflex SA V (2.0mm), Elastoflex SA V FR (2.0mm), Elastoflex SA V Plus (2.5mm) or Elastoflex SA V Plus FR (2.5mm) (with sanded-top-surface)		P-LRFM, or P-LRFM-PG or P-LRF-PG-ECO, 12-inch o.c.	-240.0
C-VB-21.	PG100	SBS-TA (with sanded-top-surface)		P-LRFM, P-LRFM-PG or P-LRF-PG-ECO, 12-inch o.c.	-240.0
C-VB-22.	PG100	Elastoflex S6 (with sanded-top-surface)		P-LRFM-PG or P-LRF-PG-ECO, 12-inch o.c.	-330.0
C-VB-23.	(Optional) PG100	PolyVap SA G or PolyVap SA		P-LRFM, P-LRFM-PG or P-LRF-PG-ECO, 12-inch o.c.	-595.0
C-VB-24.	None	PolyVap SA S		P-LRFM, P-LRFM-PG or P-LRF-PG-ECO, 12-inch o.c.	-595.0

17 Unless otherwise noted, insulation or coverboard attachment patterns for Type B-1, Type B-2 and Type C-1 systems are as outlined below.



INSULATION ATTACHMENT PATTERNS – 4x8 FT BOARDS



18 The following products are interchangeable within the scope of this PEER.

ACCEPTABLE ALTERNATES				
SUB-CATEGORY	By	LISTED PRODUCT HEREIN	ALTERNATE	FBC HVHZ
ACCESSORIES:	Polyglass USA	PolyVap SA S	VaproShield BlockShield SA	FBC FL46829
ADHESIVES	Polyglass USA	Polyglass LRF M (henceforth 'P-LRFM')	Millennium One Step Foamable Adhesive	NOA 25-0417.03
		Polyglass LRF M-PG (henceforth 'P-LRFM-PG')	Millennium PG-1 Pump Grade Adhesive	
		Polyglass LRF-PG ECO	Millennium PG-1 EF ECO, Millennium PG-1 EF ECO2	
		Polyglass LRF CR (henceforth 'P-LRF-CR')	APOC Polyset Commercial Roof Adhesive	NOA 23-0718.11
ROOFING INSULATION	Polyglass USA	Polytherm	ACFoam II	NOA 24-1120.02
		Polytherm G	ACFoam III	NOA 24-1021.04
		Polytherm-H	H-Shield	
		Polytherm CG	H-Shield CG	
	Polytherm HD	H-Shield HD	NOA 22-1223.04	
Georgia-Pacific Gypsum, LLC	DensDeck Prime	DensDeck StormX Prime Roof Board		
ROOFING FASTENER	Polyglass USA	#12 Polygrip	Dekfast DF-#12-PH3	NOA 22-0913.02
		#14 Polygrip	Dekfast DF-#14-PH3	
		#15 Polygrip	Dekfast DF-#15-PH3	
		Polygrip Hex Plate	Dekfast PLT-H-2-7/8	

19 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. FBC (HVHZ) 1620 and [Roofing Application Standard](#) RAS 128 for determination of design wind loads ([Note 9](#) and [Note 10](#)).

**TABLE 1A: 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		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY										
W-1.	Min. 19/32-inch APA rated CDX plywood	Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	#12 Polygrip with Polygrip Hex Plate or Trufast #12 DP with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0
W-2.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-75.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):										
W-3.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Min. 2-inch Polytherm or Polytherm-H	#14 Polygrip with Polygrip Hex Plate, OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-75.0

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

System No.	Deck (Note 1)	Thermal Barrier			Primer	Vapor or Air Barrier	Insulation Layer(s)		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)			Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:												
W-4.	Min. 19/32-inch, APA rated CDX, 4-ply plywood	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Versa-Fast Fasteners and Plates; two (2) fasteners per plate	1 per 1.45 ft ²	None	PolyVap SA S, self-adhering	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
W-5.	Min. 19/32-inch, APA rated CDX, 4-ply plywood	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Versa-Fast Fasteners and Plates; two (2) fasteners per plate	1 per 1.45 ft ²	None	PolyVap SA S, self-adhering	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
SELF-ADHERING BASE PLY:												
W-6.	Min. 19/32-inch, APA rated CDX, 4-ply plywood	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Versa-Fast Fasteners and Plates; two (2) fasteners per plate	1 per 1.45 ft ²	None	PolyVap SA S, self-adhering	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-60.0
W-7.	Min. 19/32-inch, APA rated CDX, 4-ply plywood	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Versa-Fast Fasteners and Plates; two (2) fasteners per plate	1 per 1.45 ft ²	None	PolyVap SA S, self-adhering	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-75.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):												
W-8.	Min. 19/32-inch, APA rated CDX, 4-ply plywood	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Versa-Fast Fasteners and Plates; two (2) fasteners per plate	1 per 1.45 ft ²	None	PolyVap SA S, self-adhering	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0
W-9.	Min. 19/32-inch, APA rated CDX, 4-ply plywood	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Versa-Fast Fasteners and Plates; two (2) fasteners per plate	1 per 1.45 ft ²	None	PolyVap SA S, self-adhering	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-75.0

**TABLE 1C: 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			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	
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:												
W-10.	Min. 15/32-inch APA rated CDX plywood	Polyglass G2 Base	12 ga. annular ring shank nails with 32 ga. x 1-5/8-inch diameter tin caps	8-inch o.c. at min. 2-inch lap and 8-inch o.c. at three (3), equally spaced, staggered center rows	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG	Hot asphalt	(Optional) Additional layer(s) base insulation	Hot asphalt	GAFGLAS Stratavent Eliminator Perforated Base Sheet, loose-laid with asphalt-sealed side laps	SBS-AA	SBS-AA	-52.5
W-11.	Min. 19/32-inch APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P (sanded-top), Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	BP-AA or SBS-AA	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA, APP-TA	-60.0
W-12.	Min. 19/32-inch APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P (sanded-top), Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0
W-13.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top) or Elastovent	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in four (4), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-67.5

TABLE 1C: 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			Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-14.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P (sanded-top) or Elastovent	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	6-inch o.c. in 4-inch lap and 6-inch o.c. in five (5) equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-90.0
W-15.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top) or Elastovent	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	Min. 2-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	OB500, P-LRF-CR or P-LRFM, atop fastener rows, 7-inch o.c.	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500, P-LRF-CR or P-LRFM	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0*
SELF-ADHERING BASE PLY:												
W-16.	Min. 19/32-inch APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P (sanded-top), Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0
W-17.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top)	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	Min. 2-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	OB500, P-LRF-CR or P-LRFM, atop fastener rows, 7-inch o.c.	(Optional) Additional layers of base insulation	OB500, P-LRF-CR or P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0*
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):												
W-18.	Min. 19/32-inch APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P (sanded-top), Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm H or Polytherm CG	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0

TABLE 1c: 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			Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-19.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top)	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	OB500, P-LRF-CR or P-LRFM, atop fastener rows, 7-inch o.c.	(Optional) Additional layers of base insulation	OB500, P-LRF-CR or P-LRFM	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0*

TABLE 1d: WOOD 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			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	
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:												
W-20.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P (sanded-top) or Elastovent	Note 2	10-inch o.c. in 4-inch lap and 10-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
W-21.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top) or Elastovent	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	BP-AA or SBS-AA	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA, APP-TA	-60.0
W-22.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top) or Elastovent	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0

**TABLE 1D: WOOD 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			Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
W-23.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P (sanded-top) or Elastovent	Note 2	9-inch o.c. in 4-inch lap and 9-inch o.c. in four (4), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-82.5
SELF-ADHERING BASE PLY:												
W-24.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top) or Elastovent	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Polytherm CG, ENRGY-3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):												
W-25.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (sanded-top) or Elastovent	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or Polytherm CG	Hot asphalt	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:									
W-26.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#14 Polygrip with Polygrip Hex Plate, OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0
W-27.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#14 Polygrip with Polygrip Hex Plate, OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-75.0
W-28.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip with Polygrip Hex Plate	1 per 1.3 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-82.5
SELF-ADHERING BASE PLY:									
W-29.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip with Polygrip Hex Plate, Dekfast DF-#14-PH3 with PLT-R-3, OMG #14 Roofgrip with OMG 3 in. Round Metal Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or Accutrac Flat Bottom Plate or Trufast #14 HD Fastener with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-45.0
W-30.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch Dens Deck Prime optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Round Metal Plate or Accutrac Flat Bottom Plate or Trufast #14 HD Fastener with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-45.0
W-31.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2 (#14 only)	1 per 1.6 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-52.5

**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 Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
W-32.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	Note 2 (#14 only)	1 per 1.0 ft ²	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-60.0
W-33.	Min. 19/32-inch APA rated plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, EnergyGuard Polyiso Insulation, ENRGY 3, ENRGY 3 CGF, Multi-Max FA3 or Ultra-Max optionally primed with POLYBRITE 745 or WB3000	Trufast Versa Fastener (min. 3/8" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate	1 per 1.3 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-67.5*
W-34.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, EnergyGuard Polyiso Insulation, ENRGY 3, ENRGY 3 CGF, Multi-Max FA3 or Ultra-Max optionally primed with POLYBRITE 745 or WB3000 Polytherm, Polytherm-H or ENRGY 3	#12 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 with PLT-R-3, OMG #12 Roofgrip with OMG 3 in. Galvalume Plate (non-ribbed) or Accutrac Plate or Trufast #12 DP with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-67.5*
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):									
W-35.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2 (#14 only)	1 per 2.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
W-36.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2 (#14 only)	1 per 1.6 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-52.5
W-37.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2 (#14 only)	1 per 1.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
W-38.	Min. 19/32-inch APA rated plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Trufast Versa Fastener (min. ¾" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate	1 per 1.3 ft²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-67.5
W-39.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 with PLT-R-3, OMG #12 Roofgrip with OMG 3 in. Galvalume Plate (non-ribbed) or Accutrac Plate or Trufast #12 DP with Trufast 3" Metal Insulation Plate	1 per 1.3 ft²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-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)	Insulation Layer(s) (Note 3, Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:									
W-40.	Min. 19/32-inch APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with Accutrac Flat Bottom or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
W-41.	Min. 19/32-inch APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P or Elastovent	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0
W-42.	Min. 19/32-inch APA rated plywood	One or more layers, any combination	Loose-laid	Elastobase V, Elastobase P or Elastovent	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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-67.5
W-43.	Min. 19/32-inch APA rated plywood	One or more layers, any combination	Loose-laid	Polybase V	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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA	APP-TA	-67.5
W-44.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	Note 2	10-inch o.c. in 4-inch lap and 10-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-75.0

**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)	Insulation Layer(s) (Note 3 , Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
W-45.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Polybase V	Note 2	10-inch o.c. in 4-inch lap and 10-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-75.0
W-46.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Loose-laid	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-90.0
W-47.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Loose-laid	Polybase V	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA	APP-TA	-90.0
W-48.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	Note 2	9-inch o.c. in 4-inch lap and 9-inch o.c. in four (4), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-90.0
W-49.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Polybase V	Note 2	9-inch o.c. in 4-inch lap and 9-inch o.c. in four (4), equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-90.0
W-50.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P or Elastovent	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) BP-AA or SBS-AA	SBS-AA	-90.0
W-51.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P or Elastovent	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA or APP-TA	-90.0
W-52.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Polybase V	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-90.0
W-53.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Loose-laid	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-105.0

**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)	Insulation Layer(s) (Note 3 , Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
W-54.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Loose-laid	Polybase V	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	APP-TA	APP-TA	-105.0
W-55.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P or Elastovent	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	(Optional) BP-AA or SBS-AA	SBS-AA	-120.0
W-56.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P or Elastovent	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA or APP-TA	-120.0
W-57.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Polybase V	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-120.0
W-58.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase P (poly-film top)	Note 2 (#14 only)	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at three (3), equally spaced center rows	SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-127.5
W-59.	Min. 19/32-inch APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V (poly-film top)	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 1 screws per plate in center hole	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at four (4), equally spaced center rows	SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-127.5
SELF-ADHERING BASE PLY:									
W-60.	Min. 19/32-inch APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P (poly-film top)	#14 Polygrip with Polygrip Hex Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. in 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-52.5*
W-61.	Min. 19/32-inch APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P (poly-film top)	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-60.0*
W-62.	Min. 19/32-inch APA rated plywood	One or more layers, any combination	Loose-laid	Elastobase V, Elastobase P (poly-film top)	Trufast Versa Fastener (min. 3/4" 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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, 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)	Insulation Layer(s) (Note 3, Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
W-63.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Loose-laid	Elastobase V (poly-film top)	OMG #14 Heavy Duty with OMG 3 in. Round Metal Plate or OMG Accutrak Flat Bottom or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-90.0
W-64.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase P (poly-film top)	Note 2 (#14 only)	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at three (3), equally spaced center rows	SBS-SA or SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-127.5
W-65.	Min. 19/32-inch APA rated CDX plywood	One or more layers, any combination	Prelim. Attached	Elastobase V (poly-film top)	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 1 screws per plate in center hole. <i>Note: Versa-Fast Plate shall be primed with PG100 or ASTM D41 primer.</i>	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at four (4), equally spaced center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-127.5

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

System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
NO BASE PLY:							
W-66.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-60.0
W-67.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	None	SBS-SA, APP-SA	-60.0
W-68.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in four (4), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-67.5
W-69.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in four (4), equally spaced, staggered center rows	None	APP-TA	-67.5
W-70.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails.	4-inch o.c. in 4-inch lap and 4-inch o.c. in four (4), equally spaced, staggered center rows	None	SBS-SA, APP-SA	-97.5

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

System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
W-71.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-112.5
W-72.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails. <i>Note: Tin caps are to be primed with PG100 or ASTM D41 primer.</i>	6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	None	SBS-SA, APP-SA	-112.5
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:							
W-73.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-60.0
W-74.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in four (4), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-67.5
W-75.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in four (4), equally spaced, staggered center rows	APP-TA	APP-TA	-67.5
W-76.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase P (poly-film top)	12 ga. annular ring shank nails with 32 ga. x 1-5/8-inch diameter tin caps	7-inch o.c. at min. 4-inch lap and 7-inch o.c. at four (4), equally spaced center rows	SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-75.0
W-77.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-112.5
SELF-ADHERING BASE PLY:							
W-78.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	PolyAnchor, loose-laid with 4-inch laps followed by Elastobase SA, self-adhered	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	6-inch o.c. at min. 4-inch lap and 9-inch o.c. at three (3), equally spaced, staggered center rows	SBS-SA	SBS-SA	-45.0*
W-79.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0
W-80.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V (poly-film top)	12 ga. annular ring shank nails with 32 ga. x 1-5/8-inch diameter tin caps	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at four (4), equally spaced center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-75.0
W-81.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase P (poly-film top)	32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails	7-inch o.c. at min. 4-inch lap and 7-inch o.c. at four (4), equally spaced center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-75.0

TABLE 1G: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)							
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
W-82.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails.	4-inch o.c. in 4-inch lap and 4-inch o.c. in four (4), equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-97.5
W-83.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails. <i>Note: Tin caps are to be primed with PG100 or ASTM D41 primer.</i>	6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows	Elastoflex SA V (2.0mm), Elastoflex SA V FR (2.0mm), Elastoflex SA V Plus (2.5mm) or Elastoflex SA V Plus FR (2.5mm)	SBS-SA, APP-SA, SBS-TA, APP-TA	-112.5

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)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap	
NO BASE PLY:							
W-84.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with Accutrak Flat Bottom or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-52.5
W-85.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	OMG #12 Roofgrip with OMG Accutrak Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-60.0
W-86.	Min. 19/32-inch APA rated plywood	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/4" 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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-67.5
W-87.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	Trufast Versa Fastener (min. 3/4" 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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	None	SBS-SA, APP-SA	-67.5
W-88.	Min. 19/32-inch APA rated plywood	Polybase V	Trufast Versa Fastener (min. 3/4" 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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	None	APP-TA	-67.5
W-89.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	Note 2	10-inch o.c. in 4-inch lap and 10-inch o.c. in three (3), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-75.0
W-90.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	Note 2	10-inch o.c. in 4-inch lap and 10-inch o.c. in three (3), equally spaced, staggered center rows	None	APP-TA	-75.0

**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)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap	
W-91.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/8" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-90.0
W-92.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Polybase V	Trufast Versa Fastener (min. 3/8" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	None	APP-TA	-90.0
W-93.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	Note 2	9-inch o.c. in 4-inch lap and 9-inch o.c. in four (4), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-90.0
W-94.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	Note 2	9-inch o.c. in 4-inch lap and 9-inch o.c. in four (4), equally spaced, staggered center rows	None	APP-TA	-90.0
W-95.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	None	SBS-AA	-90.0
W-96.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	None	SBS-AA, SBS-TA or APP-TA	-90.0
W-97.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	None	APP-TA	-90.0
W-98.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/8" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	None	SBS-AA, SBS-TA, APP-TA	-105.0
W-99.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Polybase V	Trufast Versa Fastener (min. 3/8" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	None	APP-TA	-105.0
W-100.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	None	SBS-AA	-120.0
W-101.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	None	SBS-AA, SBS-TA or APP-TA	-120.0

**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)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap	
W-102.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	None	APP-TA	-120.0
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:							
W-103.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with Accutrac Flat Bottom or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-52.5
W-104.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-60.0
W-105.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/4" 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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-67.5
W-106.	Min. 19/32-inch APA rated plywood	Polybase V	Trufast Versa Fastener (min. 3/4" 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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA	APP-TA	-67.5
W-107.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	Note 2	10-inch o.c. in 4-inch lap and 10-inch o.c. in three (3), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-75.0
W-108.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	Note 2	10-inch o.c. in 4-inch lap and 10-inch o.c. in three (3), equally spaced, staggered center rows	APP-TA	APP-TA	-75.0
W-109.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-90.0
W-110.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Polybase V	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	9-inch o.c. at min. 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	APP-TA	APP-TA	-90.0
W-111.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polyglass G2 Base, Elastobase V, Elastobase P or Elastovent	Note 2	9-inch o.c. in 4-inch lap and 9-inch o.c. in four (4), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-90.0

**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)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap	
W-112.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	Note 2	9-inch o.c. in 4-inch lap and 9-inch o.c. in four (4), equally spaced, staggered center rows	APP-TA	APP-TA	-90.0
W-113.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA	-90.0
W-114.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty (min. 1-5/8-inch long) with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-90.0
W-115.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in three (3), equally spaced, staggered center rows	APP-TA	APP-TA	-90.0
W-116.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Elastobase V, Elastobase P or Elastovent	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-105.0
W-117.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Polybase V	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	APP-TA	APP-TA	-105.0
W-118.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA	-120.0
W-119.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase V, Elastobase P or Elastovent	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-AA, SBS-TA, APP-TA	-120.0
W-120.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Polybase V	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plate or OMG Flat Bottom Metal Plate	6-inch o.c. at 4-inch lap and 6-inch o.c. in five (5), equally spaced, staggered center rows	APP-TA	APP-TA	-120.0
W-121.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood	Elastobase P (poly-film top)	Note 2 (#14 only)	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at three (3), equally spaced center rows	SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-127.5
W-122.	Min. 19/32-inch APA rated plywood	Elastobase V (sanded top) or Elastovent	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 1 screws per plate in center hole	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at four (4), equally spaced center rows	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-127.5
W-123.	Min. 19/32-inch APA rated plywood	Elastobase V (poly-film top)	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 1 screws per plate in center hole	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at four (4), equally spaced center rows	SBS-TA	SBS-TA, APP-TA	-127.5
W-124.	Min. 19/32-inch APA rated plywood	Polybase V	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 1 screws per plate in center hole	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at four (4), equally spaced center rows	APP-TA	APP-TA	-127.5

**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)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Base Ply	Cap	
SELF-ADHERING BASE PLY:							
W-125.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	PolyAnchor, loose-laid with 4-inch laps followed by Elastobase SA, self-adhered	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate (non-ribbed)	9-inch o.c. at min. 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	SBS-SA	SBS-SA	-45.0*
W-126.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	#14 Polygrip with Polygrip Hex Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-52.5*
W-127.	Min. 19/32-inch APA rated CDX plywood	Elastobase V, Elastobase P (poly-film top)	OMG #12 Roofgrip with OMG Accutrac Flat Bottom	12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0*
W-128.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	PolyAnchor, loose-laid with 4-inch laps followed by Elastobase SA, self-adhered	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate (non-ribbed)	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at two (2), equally spaced, staggered center rows	SBS-SA	SBS-SA	-60.0
W-129.	Min. 19/32-inch APA rated plywood	Elastobase V, Elastobase P (poly-film top)	Trufast Versa Fastener (min. 3/4" 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. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-67.5
W-130.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	PolyAnchor, loose-laid with 4-inch laps followed by Elastobase SA, self-adhered	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Galvalume Steel Plate (non-ribbed)	8x8-inch grid pattern	SBS-SA	SBS-SA	-127.5
W-131.	Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood	Elastobase P (poly-film top)	Note 2 (#14 only)	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at three (3), equally spaced center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-127.5
W-132.	Min. 19/32-inch APA rated CDX plywood	Elastobase V or Elastobase P (poly-film top)	Trufast Versa Fastener (min. 3/4" penetration) & Plate; 1 screws per plate in center hole <i>Note: Versa-Fast Plate shall be primed with PG100 or ASTM D41 primer.</i>	9-inch o.c. at min. 4-inch lap and 9-inch o.c. at four (4), equally spaced center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA, APP-TA	-127.5

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

System No.	Deck (Note 1)	Vapor or Air Barrier	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	
ASPHALT-APPLIED OR TORCH-APPLIED BASE PLY:										
S-1.	Min. 22 ga., Type B, Grade 40 steel	PolyVap SA S, self-adhering to top deck flanges	Min. 2-inch Polytherm-H	P-LRFM or P-LRFM-PG, 6-inch o.c., ribbons positioned atop deck flanges	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-67.5
S-2.	Min. 22 ga., Type B, Grade 40 steel	PolyVap SA S, self-adhering to top deck flanges	Min. 2-inch Polytherm or Polytherm-H	P-LRF-CR, spatter-applied for full-coverage	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR, spatter-applied for full-coverage	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-90.0
SELF-ADHERING BASE PLY:										
S-3.	Min. 22 ga., Type B, Grade 40 steel	PolyVap SA S, self-adhering to top deck flanges	Min. 2-inch Polytherm-H	P-LRFM or P-LRFM-PG, 6-inch o.c., ribbons positioned atop deck flanges	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-67.5
S-4.	Min. 22 ga., Type B, Grade 40 steel	PolyVap SA S, self-adhering to top deck flanges	Min. 2-inch Polytherm or Polytherm-H	P-LRF-CR, spatter-applied for full-coverage	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR, spatter-applied for full-coverage	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-90.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):										
S-5.	Min. 22 ga., Type B, Grade 40 steel	PolyVap SA S, self-adhering to top deck flanges	Min. 2-inch Polytherm-H	P-LRFM or P-LRFM-PG, 6-inch o.c., ribbons positioned atop deck flanges	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-67.5
S-6.	Min. 22 ga., Type B, Grade 40 steel	PolyVap SA S, self-adhering to top deck flanges	Min. 2-inch Polytherm or Polytherm-H	P-LRF-CR, spatter-applied for full-coverage	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR, spatter-applied for full-coverage	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-90.0
S-7.	Min. 22 ga., Type B, Grade 80 steel	PolyVap SA S, self-adhering to top deck flanges	Min. 1.5-inch thick x max. 4 x 4 ft Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO or P-LRF-CR, 6-inch o.c., ribbons positioned atop deck flanges	(Optional) additional layer(s) of base insulation	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO or P-LRF-CR, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-127.5

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED BASE PLY:										
S-8.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-9.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H or ENRGY 3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-10.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime	Hot asphalt	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
S-11.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Hot asphalt	SBS-AA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-75.0
S-12.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-75.0
S-13.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	#14 Polygrip with Polygrip Hex Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-90.0
S-14.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	#14 Polygrip with Polygrip Hex Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	BP-AA, SBS-AA (Top surface primed with PG100 primer)	SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-90.0

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-15.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime	Hot asphalt	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
S-16.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Hot asphalt	SBS-AA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-127.5
S-17.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-127.5
S-18.	Min. 22 ga., type B, Grade 33 steel	Min. 2-inch Polytherm G, Polytherm-H or Polytherm CG	Trufast #14 MP fasteners with Trufast 3 in. Metal Insulation Plates	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-19.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0
S-20.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-21.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrak Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM-PG	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
S-22.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	P-LRFM, P-LRFM-PG or P-LRF-ECO	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0
S-23.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime	P-LRFM or P-LRFM-PG	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
S-24.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-AA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-75.0
S-25.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-75.0
S-26.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime	P-LRFM, 4-inch o.c. or P-LRFM-PG, 4-inch o.c.	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
S-27.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	P-LRFM, 4-inch o.c. or P-LRFM-PG, 4-inch o.c.	SBS-AA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-127.5
S-28.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM, 4-inch o.c. or P-LRFM-PG, 4-inch o.c.	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-127.5

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-29.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0
S-30.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
S-31.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0
S-32.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0
S-33.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-34.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0
S-35.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
S-36.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-75.0
S-37.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm G or Polytherm-H	Dekfast DF-#14-PH3 with PLT-R-3 or OMG #14 Roofgrip with OMG 3 in. Galvalume Steel Plate	1 per 1.0 ft ²	Additional optional layer(s) base insulation followed by min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-AA, SBS-TA, APP-TA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-105.0
S-38.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime	P-LRF-CR, 4-inch o.c.	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
S-39.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR, 4-inch o.c.	SBS-AA or SBS-TA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-127.5
SELF-ADHERING BASE PLY:										
S-40.	Min. 22 ga., type B, Grade 33 steel	Min. 2-inch Polytherm G, Polytherm-H or Polytherm CG	Trufast #14 MP fasteners with Trufast 3 in. Metal Insulation Plates	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-45.0*

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-41.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board PRIMER: POLYBRITE 745 or WB3000	P-LRFM or P-LRFM-PG	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0
S-42.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-52.5
S-43.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	P-LRFM-PG	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-52.5
S-44.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	P-LRFM, P-LRFM-PG or P-LRF-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0
S-45.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-75.0

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-46.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, 4-inch o.c. or P-LRFM-PG, 4-inch o.c.	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-127.5
S-47.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board PRIMER: POLYBRITE 745 or WB3000	OB500	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0
S-48.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-52.5
S-49.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0
S-50.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board PRIMER: POLYBRITE 745 or WB3000	P-LRF-CR	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0
S-51.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-52.5

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-52.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Note 2	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0
S-53.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-75.0
S-54.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm G or Polytherm-H	Dekfast DF-#14-PH3 with PLT-R-3 or OMG #14 Roofgrip with OMG 3 in. Galvalume Steel Plate	1 per 1.0 ft ²	Additional optional layer(s) base insulation followed by min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-97.5
S-55.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR, 4-inch o.c.	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-127.5
COLD-APPLIED BASE PLY:										
S-56.	Min. 22 ga., type B, Grade 33 steel	Min. 2-inch Polytherm G, Polytherm-H or Polytherm CG	Trufast #14 MP fasteners with Trufast 3 in. Metal Insulation Plates	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-CA1, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0*
S-57.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch Dens Deck, Dens Deck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-58.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch Dens Deck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0
S-59.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3 or Multi-Max FA3	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):										
S-60.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	P-LRFM	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-52.5
S-61.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-52.5
S-62.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-75.0

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

System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
S-63.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, 4-inch o.c. or P-LRFM-PG, 4-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-105.0
S-64.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-52.5
S-65.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch Polytherm G or Polytherm CG	#12 Polygrip or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip (steel only), #14 Roofgrip or #15 Roofgrip with OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Plate or Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 2.0 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard or min. 1-inch Polytherm G or Polytherm CG	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-52.5
S-66.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-75.0
S-67.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 2-inch Polytherm, Polytherm G or Polytherm-H	Dekfast DF-#14-PH3 with PLT-R-3 or OMG #14 Roofgrip with OMG 3 in. Galvalume Steel Plate	1 per 1.0 ft ²	Additional optional layer(s) base insulation followed by min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-97.5
S-68.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm-CG	Trufast #15 EHD with Trufast 3" Metal Insulation Plate or Trufast 3" Recessed Metal Plate	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR, 4-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-105.0

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED BASE PLY:									
S-69.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.75-inch JM Fesco Board (homogeneous) or min. 1.5-inch JM Fesco Board (laminated)	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Ribbed Galvalume Plate or AccuTrac Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-70.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Ribbed Galvalume Plate or AccuTrac Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 4.0 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-71.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Ribbed Galvalume Plate or AccuTrac Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 4.0 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-72.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch H-Shield WF	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Ribbed Galvalume Plate or AccuTrac Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 4.0 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-73.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	Trufast #14 MP fasteners and 3 in. Metal Insulation Plates	1 per 1.8 ft ²	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0
S-74.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds, 6" o.c.	One or more layers, any combination, min. 1.5" thick, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip, #14 Polygrip or #15 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3, DF-#14-PH-3 or DF-#15-PH3 with PLT-R-3, OMG #12 Roofgrip, #14 Roofgrip or OMG #15 Roofgrip with OMG 3 in. Galvalume Steel Plate, 3 in. Ribbed Galvalume Plate (Flat) or AccuTrac Flat Bottom Plate or Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-52.5
S-75.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds, 6" o.c.	One or more layers, any combination, min. 1.5" thick, loose laid	Min. 0.25-inch DensDeck Prime	#12 Polygrip, #14 Polygrip or #15 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3, DF-#14-PH-3 or DF-#15-PH3 with PLT-R-3, OMG #12 Roofgrip, #14 Roofgrip or OMG #15 Roofgrip with OMG 3 in. Galvalume Steel Plate, 3 in. Ribbed Galvalume Plate (Flat) or AccuTrac Flat Bottom Plate or Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-60.0

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-76.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds, 6" o.c.	One or more layers, any combination, min. 1.5" thick, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip, #14 Polygrip or #15 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3, DF-#14-PH-3 or DF-#15-PH3 with PLT-R-3, OMG #12 Roofgrip, #14 Roofgrip or OMG #15 Roofgrip with OMG 3 in. Galvalume Steel Plate, 3 in. Ribbed Galvalume Plate (Flat) or AccuTrac Flat Bottom Plate or Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-67.5
S-77.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate	1 per 1.8 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-75.0
S-78.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-82.5
SELF-ADHERING BASE PLY:									
S-79.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm or Polytherm-H	#12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG AccuTrac Flat Bottom Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-45.0*
S-80.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0*
S-81.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Plate (non-ribbed) or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-45.0*
S-82.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip with Polygrip Hex Plate, Dekfast DF-#14-PH3 with PLT-R-3, OMG #14 Roofgrip with OMG 3 in. Round Metal Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or AccuTrac Flat Bottom Plate or Trufast #14 HD Fastener with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA	None	SBS-SA	-45.0

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-83.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch Dens Deck Prime optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Round Metal Plate or Accutracc Flat Bottom Plate or Trufast #14 HD Fastener with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA	None	SBS-SA	-45.0
S-84.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip or #15 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Accutracc Flat Bottom Plate or Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-SA	(Optional when using torch-applied Cap Ply) SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-45.0
S-85.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	Trufast #14 MP fasteners and 3 in. Metal Insulation Plates	1 per 1.8 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-45.0
S-86.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch Dens Deck Prime optionally primed with POLYBRITE 745 or WB3000	OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-SA	(Optional when using torch-applied Cap Ply) SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-45.0
S-87.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch, loose laid	Min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	#14 Polygrip with Polygrip Hex Plate, Dekfast DF-#14-PH3 with Dekfast PLT-R-3, OMG #14 Roofgrip with OMG 3" Round Metal Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutracc Flat Bottom Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-45.0
S-88.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	#15 Polygrip with Polygrip Hex Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, OMG #15 Roofgrip with OMG 3" Round Metal Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutracc Flat Bottom Plate or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.45 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-45.0
S-89.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm or Polytherm-H	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate	1 per 2.0 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-60.0
S-90.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Plate (non-ribbed) or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	SBS-SA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-60.0

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-91.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, EnergyGuard Polyiso Insulation, ENRGY 3, ENRGY 3 CGF, Multi-Max FA3 or Ultra-Max optionally primed with POLYBRITE 745 or WB3000	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with PLT-R-3, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Plate (non-ribbed) or Accutracc Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-67.5*
S-92.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Plate (non-ribbed) or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-SA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-72.5
S-93.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate	1 per 1.8 ft ²	SBS-SA	(Optional) SBS-TA	SBS-TA	-75.0
S-94.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ENRGY 3	SFS Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 (steel only) with SFS isofast PLT-S-2-3/4x2-3/4-BL	1 per 1.3 ft ²	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-82.5
S-95.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip or #15 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Accutracc Flat Bottom Plate or Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-90.0
S-96.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch Dens Deck Prime optionally primed with POLYBRITE 745 or WB3000	#14 Polygrip or #15 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-97.5
COLD-APPLIED BASE PLY:									
S-97.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG 3 in. Ribbed Galvalume Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0*

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-98.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	Trufast #14 MP fasteners and 3 in. Metal Insulation Plates	1 per 1.8 ft ²	SBS-CA1, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-45.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):									
S-99.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm-H	OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with Accutrac Flat Bottom or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0*
S-100.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0*
S-101.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch DensDeck Prime	Note 2 (#14 only) or OMG #14 Roofgrip with OMG 3 in. Round Metal Plate	1 per 2.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
S-102.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 (#14 only) or OMG #14 Roofgrip with OMG 3 in. Round Metal Plate or OMG 3 in. Ribbed Galvalume Plate (Flat)	1 per 2.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
S-103.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch DensDeck Prime	OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Trufast #14 HD or Trufast #15 EHD Fastener with Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
S-104.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	#14 Polygrip or #15 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Accutrac Flat Bottom or Trufast #14 HD or Trufast #15 EHD Fastener with Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
S-105.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch, loose laid	Min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard	#14 Polygrip with Polygrip Hex Plate, Dekfast PLT-R-3, OMG #14 Roofgrip with OMG 3" Round Metal Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Flat Bottom Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-106.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	#15 Polygrip with Polygrip Hex Plate, Dekfast DF-#15-PH3 with Dekfast PLT-R-3, OMG #15 Roofgrip with OMG 3" Round Metal Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrac Flat Bottom Plate or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.45 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
S-107.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm-H	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate	1 per 2.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0
S-108.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Plate (non-ribbed) or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.6 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0
S-109.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with PLT-R-3, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Plate (non-ribbed) or Accutrac Plate or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-67.5
S-110.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	#12 Polygrip (steel only) or #14 Polygrip with Polygrip Hex Plate, OMG #12 Roofgrip (steel only) or OMG #14 Heavy Duty with OMG 3 in. Galvalume Plate (non-ribbed) or Trufast #12 DP (steel only) or Trufast #14 HD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-72.5
S-111.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plate	1 per 1.8 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-75.0
S-112.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	#14 Polygrip or #15 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Accutrac Flat Bottom Plate or Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-90.0
S-113.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-inch Dens Deck Prime	#14 Polygrip or #15 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip or #15 Roofgrip with OMG 3 in. Round Metal Plate or Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-97.5

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

System No.	Deck (Note 1)	Base Insulation (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
S-114.	Min. 22 ga., type B, Grade 80 steel	(Optional) One or more layers, any combination, loose laid	Min. 2-inch thick Polytherm, Polytherm G, Polytherm-H or Polytherm CG	#14 Polygrip or #15 Polygrip with 2 7/8 in. Polygrip Hex Plate, OMG #14 Heavy Duty or OMG #15 XHD with OMG 3 in. Round Metal Plate, OMG 3 in. Ribbed Galvalume Plate (Flat) or OMG Accutrak Flat Bottom, SFS Dekfast DF-#14-PH3 or DF-#15-PH3 with Dekfast PLT-H-2-7/8 or Dekfast PLT-R-3 or Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-120.0

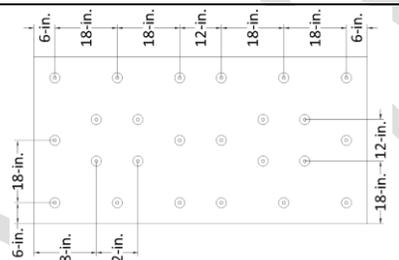


TABLE 2d: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

System No.	Deck (Note 1)	Insulation Layer(s) (Note 3, Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED BASE PLY:									
S-115.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P or Elastovent	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG Flat Bottom Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. at 4-inch lap and 18-inch o.c. at two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
S-116.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG Flat Bottom Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. at 4-inch lap and 12-inch o.c. at two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
S-117.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastobase V, Elastobase P or Elastovent	Roofgrip #12 (steel only) or #14 with OMG Flat Bottom Plate (square)	12-inch o.c. at 4-inch lap and 12-inch o.c. at two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0

**TABLE 2d: STEEL OR STRUCTURAL CONCRETE 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 Layer(s) (Note 3, Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
S-118.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Polybond, Polyflex	#14 Polygrip with Polygrip Hex Plate or OMG #14 Roofgrip with OMG Flat Bottom Plate	12-inch o.c. at the 4-inch lap and 18-inch o.c. at two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-112.5
SELF-ADHERING BASE PLY:									
S-119.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastobase V or Elastobase P with poly top surface	#14 Polygrip with Polygrip Hex Plate, OMG #14 Roofgrip with OMG Flat Bottom Plate or Trufast #14 HD with Trufast 3" Metal Insulation Plate	12-inch o.c. at 4-inch lap and 12-inch o.c. at two, equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-52.5*
S-120.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastobase V or Elastobase P with poly top surface	Roofgrip #12 (steel only) or #14 with OMG Flat Bottom Plate (square)	12-inch o.c. at 4-inch lap and 12-inch o.c. at two, equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-60.0*
COLD-APPLIED BASE PLY:									
S-121.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Loose laid	Elastobase V	Trufast #12 DP (steel only), #14 HD or #15 EHD with Trufast 3" Metal Insulation Plate	12-inch o.c. at 4-inch lap and 12-inch o.c. at one staggered center row	(Optional) SBS-CA1, SBS-CA2	SBS-CA1, SBS-CA2, APP-CA1	-45.0*
S-122.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Loose laid	Elastovent	Trufast #12 DP (steel only), #14 HD or #15 EHD with Trufast 3" Metal Insulation Plate	12-inch o.c. at min. 4-inch lap and 12-inch o.c. at one staggered center row	(Optional) SBS-CA1	SBS-CA1, APP-CA1	-45.0*
S-123.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Loose laid	Elastovent, Elastobase V or Elastoflex S6	Trufast #12 DP (steel only), Trufast #14 HD or Trufast #15 EHD with Trufast 3" Metal Insulation Plate	12-inch o.c. at 4-inch lap and 12-inch o.c. at two, equally spaced, staggered center rows	(Optional) SBS-CA1, SBS-CA2 or SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3 or APP-CA1	-67.5
S-124.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Loose-laid	Elastoflex S6	Trufast #12 DP (steel only) or Trufast #14 HD (steel or concrete) with Trufast 3" Metal Insulation Plate	6-inch o.c. at min. 4-inch lap and 6-inch o.c. at one staggered center row	(Optional) Elastoflex S6 applied in PG350 at 1.5-2.0 gal/square	SBS-CA1	-75.0*
S-125.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Loose-laid	Elastoflex S6	Trufast #12 DP (steel only) or Trufast #14 HD (steel or concrete) with Trufast 3" Metal Insulation Plate	12-inch o.c. at min. 4-inch lap and 12-inch o.c. at two, equally spaced, staggered center rows	(Optional) Elastoflex S6 applied in PG350 at 1.5-2.0 gal/square	SBS-CA1	-90.0*

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

System No.	Deck (Note 1)	Insulation Layer(s) (Note 3, Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED:									
S-126.	Min. 22 ga., type B, 33 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6	Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2.4" Scoop Seam Plate or Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	12-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA	-45.0
S-127.	Min. 22 ga., type B, 33 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6	Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	6-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA	-60.0
S-128.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	18-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA (D6164 only)	-60.0
S-129.	Min. 22 ga., type B, 33 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	12-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA (D6164 only)	-82.5
S-130.	Min. 22 ga., type B, 33 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP	Trufast #14 HD with Trufast 2.4" Barbed Metal Seam Plate	6-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA (D6164 only)	-82.5
S-131.	Min. 22 ga., type B, 33 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoshield VP HT	#15 Polygrip with Dekfast PLT-O2-3/4-12B or Dekfast PLT-R-2-3/8-6B or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2.4" Barbed Metal Seam Plate, Trufast 2.4" Scoop Seam Plate or Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	12-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA (D6164 only)	-82.5
S-132.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination	Prelim. Attached	Polyflex	#15 Polygrip with Dekfast PLT-R-2-3/8-6B	12-inch o.c. within the 5-inch wide, torch-sealed side lap	(Optional) APP-TA	SBS-TA, APP-TA	-82.5
S-133.	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Polybond or Polyflex	Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2.4 in. Barbed Seam Plate	12-inch o.c. within the 6-inch wide, torch-sealed side lap	(Optional) APP-TA	SBS-TA, APP-TA	-82.5

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

System No.	Deck (Note 1)	Insulation Layer(s) (Note 3 , Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
S-134.	Min. 22 ga., type B, 40 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoshield VP HT	#15 Polygrip with Dekfast PLT-O2-3/4-12B or Dekfast PLT-R-2-3/8-6B or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2.4" Barbed Metal Seam Plate, Trufast 2.4" Scoop Seam Plate or Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	6-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA (D6164 only)	-97.5
S-135.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	6-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-TA	SBS-TA (D6164 only)	-135.0
SELF-ADHERING:									
S-136.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP (poly-film top)	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	18-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-SA	SBS-SA	-45.0
S-137.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination	Loose-laid	Elastoflex S6 HP (poly-film top)	OMG Super XHD Fastener with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	18-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-SA	SBS-SA	-52.5
S-138.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP (poly-film top)	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	12-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-SA	SBS-SA	-75.0
S-139.	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP (poly-film top)	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	6-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) SBS-SA	SBS-SA	-90.0
COLD-APPLIED:									
S-140.	Min. 22 ga., type B, 40 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	18-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) Elastoflex S6 applied in PG350 at 1.5-2.0 gal/square	SBS-CA1	-60.0
	<i>Note: When extrapolating base sheet attachment for this system for elevated pressure zones, any additional fastener rows installed in the center of the sheet shall be stripped-in with minimum 6-inch wide strips of torch-applied, sand-top-surfaced, Polyglass SBS modified bitumen membrane prior to placement of subsequent Base Ply or Cap Ply membranes in PG350 adhesive.</i>								

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

System No.	Deck (Note 1)	Insulation Layer(s) (Note 3, Note 13)		Base Sheet			Roof Cover (Note 15)		MDP (psf)	
		Type	Attach	Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply		
S-141.	Min. 22 ga., type B, 40 ksi steel or min. 2,500 psi structural concrete	One or more layers, any combination	Prelim. Attached	Elastoflex S6 HP	OMG Super XHD Fastener (steel only) with OMG 2 3/4 Super XHD Barbed Stress Plate or Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only) with Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	12-inch o.c. within the 5-inch wide, torch-sealed or heat-welded side laps	(Optional) Elastoflex S6 applied in PG350 at 1.5-2.0 gal/square	SBS-CA1	-82.5	
		<i>Note: When extrapolating base sheet attachment for this system for elevated pressure zones, any additional fastener rows installed in the center of the sheet shall be stripped-in with minimum 6-inch wide strips of torch-applied, sand-top-surfaced, Polyglass SBS modified bitumen membrane prior to placement of subsequent Base Ply or Cap Ply membranes in PG350 adhesive.</i>								

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
ASPHALT OR TORCH APPLIED BASE PLY:									
C-1	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-187.5
C-2	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	0.5-inch SECUROCK Cement Roof Board	OB500	SBS-TA	(Optional) SBS-TA	SBS-TA	-187.5
C-3	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-202.5
C-4	Structural concrete	Min. 2-inch Polytherm or Polytherm-H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
C-5	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500, 6-inch o.c.	0.5-inch SECUROCK Cement Roof Board	OB500, 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-232.5
C-6	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Min. 0.25-inch Dens Deck Prime	OB500	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-282.5
C-7	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-8	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-187.5
C-9	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRFM or P-LRFM-PG	0.5-inch SECUROCK Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-TA	(Optional) SBS-TA	SBS-TA	-187.5
C-10	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-202.5
C-11	Structural concrete	Min. 2-inch Polytherm or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
C-12	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRFM or P-LRFM-PG, 6-inch o.c.	0.5-inch SECUROCK Cement Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-232.5
C-13	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch Dens Deck Prime	P-LRFM or P-LRFM-PG	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-282.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-14	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-15	Structural concrete	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-187.5
C-16	Structural concrete	Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-202.5
C-17	Structural concrete	Min. 2-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
C-18	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime	P-LRF-PG-ECO	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-247.5
C-19	Structural concrete	(Optional) Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-247.5
C-20	Structural concrete	(Optional) Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-21	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-187.5
C-22	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	0.5-inch SECUROCK Cement Roof Board	P-LRF-CR	SBS-TA	(Optional) SBS-TA	SBS-TA	-187.5
C-23	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-202.5
C-24	Structural concrete	Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G or min. 1.5-inch Multi-Max FA3 or Ultra-Max	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
C-25	Structural concrete	Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G or min. 1.5-inch Multi-Max FA3 or Ultra-Max	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	APP-TA	(Optional) APP-TA	APP-TA	-232.5
C-26	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR, 6-inch o.c.	0.5-inch SECUROCK Cement Roof Board	P-LRF-CR, 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-232.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-27	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch Dens Deck Prime	P-LRF-CR	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-282.5
C-28	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-29	Structural concrete / PG100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
C-30	Structural concrete / PG100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	APP-TA	(Optional) APP-TA	APP-TA	-232.5
C-31	Structural concrete / PG100	Min. 0.75-inch Fesco Board (homogeneous)	Hot asphalt	None	N/A	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-277.5
C-32	Structural concrete / PG100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	Hot asphalt	Min. 0.75-inch Fesco Board (homogeneous)	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-290.0
C-33	Structural concrete / PG100	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	None	N/A	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-285.0
C-34	Structural concrete / PG100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	Hot asphalt	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-480.0
C-35	Structural concrete / PG100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck Prime	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-480.0
C-36	Structural concrete / PG100	Min. 0.25-inch Dens Deck Prime	Hot asphalt	None	N/A	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-510.0

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
SELF-ADHERING BASE PLY TO INSULATION:									
C-37	Structural concrete	Min. 1.5-inch, Insulfoam IX	OB500	(Optional) additional layers of base insulation	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-120.0
C-38	Structural concrete	Min. 1.5-inch Polytherm	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-122.5
C-39	Structural concrete	Min. 1.5-inch ENRGY 3	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-127.5
C-40	Structural concrete	Min. 1.5-inch Polytherm-H	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-150.0
C-41	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	OB500	Min 1.5-inch Polytherm G or Polytherm CG	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5
C-42	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	OB500	(Optional) additional layers of base insulation	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-43	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	(Optional) additional layers(s) of base insulation	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-122.5
C-44	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRFM or P-LRFM-PG	Min 1.5-inch Polytherm G or Polytherm CG	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5
C-45	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRFM or P-LRFM-PG	(Optional) additional layers of base insulation	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-46	Structural concrete	Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRFM	(Optional) additional layers(s) of base insulation	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-232.5
C-47	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or UltraMax	P-LRFM or P-LRFM-PG	(Optional) additional layers(s) of base insulation, optionally primed with POLYBRITE 745 or WB3000	P-LRFM or P-LRFM-PG	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3	-290.0
C-48	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-122.5
C-49	Structural concrete	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min 1.5-inch Polytherm G	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-50	Structural concrete	Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	(Optional) additional layers of base insulation	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-51	Structural concrete	Min. 1.5-inch Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-232.5
C-52	Structural concrete	Min. 1.5-inch Polytherm, EnergyGuard Polyiso Insulation, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3	-247.5
C-53	Structural concrete	Min. 1.5-inch Polytherm G or UltraMax	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3	-290.0
C-54	Structural concrete	Min. 1.5-inch Polytherm, Polytherm-H	P-LRF-CR	(Optional) additional layers(s) of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-122.5
C-55	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRF-CR	Min 1.5-inch Polytherm G or Polytherm CG	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5
C-56	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRF-CR	(Optional) additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-57	Structural concrete	Min. 1.5-inch, Insulfoam IX	P-LRF-CR	(Optional) additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-240.0
C-58	Structural concrete / PG100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	Hot asphalt	(Optional) additional layers(s) of base insulation	Hot asphalt	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-480.0
SELF-ADHERING BASE PLY TO COVERBOARD:									
C-59	Structural concrete	Min. 1.5-inch ENRGY 3	OB500	Min. 0.25-inch Dens Deck, Dens Deck Prime	OB500	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-127.5
C-60	Structural concrete	Min. 1.5-inch Polytherm or Polytherm-H	OB500	Min. 0.25-inch Dens Deck, Dens Deck Prime	OB500	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-150.0
C-61	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-62	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-63	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H or Insulfoam IX	OB500	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-230.0
C-64	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Min. 0.25-inch Dens Deck Prime	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-282.5
C-65	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	OB500, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-285.0
C-66	Structural concrete	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 6-inch o.c.	None	N/A	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-300.0
C-67	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-300.0
C-68	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-69	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-322.5
C-70	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5
C-71	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-72	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H or Insulfoam IX	P-LRFM or P-LRFM-PG	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA	SBS-SA	-230.0

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-73	Structural concrete	Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRFM	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-232.5
C-74	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch Dens Deck Prime	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-282.5
C-75	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Polytherm HD, ACfoam-HD Coverboard or ACfoam-HD Coverboard-FR	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-285.0
C-76	Structural concrete	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG, 6-inch o.c.	None	N/A	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-300.0
C-77	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-300.0
C-78	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-79	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-322.5
C-80	Structural concrete	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5
C-81	Structural concrete	Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-82	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Polytherm HD	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA	-230.0
C-83	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-TA, SBS-TA, APP-TA	-247.5
C-84	Structural concrete	(Optional) Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-247.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-85	Structural concrete	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO, 6-inch o.c.	None	N/A	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-300.0
C-86	Structural concrete	(Optional) Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-322.5
C-87	Structural concrete	Min. 1.5-inch Insulfoam IX	P-LRF-CR	Min. 0.25-inch Dens Deck or Dens Deck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-72.5
C-88	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5
C-89	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-90	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H or Insulfoam IX	P-LRF-CR	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA	-230.0
C-91	Structural concrete	Min. 1.5-inch, Insulfoam IX, Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G or min. 1.5-inch Multi-Max FA3 or Ultra-Max	P-LRF-CR	Min. 0.25-inch Dens Deck, Dens Deck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-240.0
C-92	Structural concrete	Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G or min. 1.5-inch Multi-Max FA3 or Ultra-Max	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-240.0
C-93	Structural concrete	Min. 1.5-inch Insulfoam IX	P-LRF-CR	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	P-LRF-CR, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-240.0
C-94	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch Dens Deck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-282.5
C-95	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	P-LRF-CR, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-285.0

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-96	Structural concrete	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR, 6-inch o.c.	None	N/A	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-300.0
C-97	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-300.0
C-98	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch or DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-99	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with POLYBRITE 745 or WB3000	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-322.5
C-100	Structural concrete / PG100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-350.0
COLD-APPLIED BASE PLY:									
C-101	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch Dens Deck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
C-102	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
C-103	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
C-104	Structural concrete	Min. 1-inch Polytherm, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch Dens Deck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-232.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-105	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch Dens Deck, Dens Deck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
C-106	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM, P-LRFM-PG	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
C-107	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
C-108	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch Dens Deck, Dens Deck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM, P-LRFM-PG	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-232.5
C-109	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, EnergyGuard Polyiso Insulation, ENRGY 3, Polytherm-H, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
C-110	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime	P-LRF-PG-ECO	SBS-CA1, SBS-CA3	None	APP-CA1	-127.5
C-111	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-CA1, SBS-CA2, SBS-CA3	None	APP-CA1	-127.5
C-112	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-232.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-113	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
C-114	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
C-115	Structural concrete	Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
C-116	Structural concrete	Min. 1-inch ENRGY 3, Polytherm-H, Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-232.5
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):									
C-117	Structural concrete	Min. 1.5-inch Polytherm	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-122.5
C-118	Structural concrete	Min. 1.5-inch Polytherm-H	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-150.0
C-119	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	OB500	Min 1.5-inch Polytherm G or Polytherm CG	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5
C-120	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5
C-121	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	OB500	(Optional) additional layers of base insulation	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
C-122	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-123	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Polytherm HD or ACfoam-HD Coverboard	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-230.0
C-124	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-282.5
C-125	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	OB500	Polytherm HD or ACfoam-HD Coverboard	OB500, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-285.0
C-126	Structural concrete	Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	(Optional) additional layer(s) of base insulation	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-122.5
C-127	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRFM or P-LRFM-PG	Min 1.5-inch Polytherm G or Polytherm CG	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5
C-128	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5
C-129	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRFM or P-LRFM-PG	(Optional) additional layers of base insulation	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
C-130	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
C-131	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Polytherm HD or ACfoam-HD Coverboard	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-230.0
C-132	Structural concrete	Min. 1.5-inch Polytherm-H	P-LRFM	(Optional) additional layer(s) of base insulation	P-LRFM	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-232.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-133	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-282.5
C-134	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Polytherm HD or ACfoam-HD Coverboard	P-LRFM or P-LRFM-PG, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-285.0
C-135	Structural concrete	Min. 1.5-inch Polytherm or Polytherm G	P-LRF-PG-ECO	(Optional) additional layer(s) of base insulation	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-122.5
C-136	Structural concrete	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min 1.5-inch Polytherm G	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5
C-137	Structural concrete	Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	(Optional) additional layers of base insulation	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
C-138	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Polytherm HD	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-230.0
C-139	Structural concrete	Min. 1.5-inch Polytherm-H	P-LRF-PG-ECO	(Optional) additional layer(s) of base insulation	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-232.5
C-140	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-247.5
C-141	Structural concrete	(Optional) Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-282.5
C-142	Structural concrete	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-CR	(Optional) additional layer(s) of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-122.5
C-143	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRF-CR	Min 1.5-inch Polytherm G or Polytherm CG	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5

**TABLE 3A: STRUCTURAL CONCRETE DECKS; MIN. 2,500 PSI – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [NOTE 14](#) FOR VAPOR OR AIR 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	
C-144	Structural concrete	Min. 1-inch Polytherm or Polytherm-H	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5
C-145	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRF-CR	(Optional) additional layers of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
C-146	Structural concrete	Min. 1.5-inch Polytherm G or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
C-147	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-230.0
C-148	Structural concrete	Min. 1.3-inch Polytherm G or min. 1.0-inch Polytherm H or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-240.0
C-149	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-282.5
C-150	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-285.0
C-151	Structural concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-322.5
C-152	Structural concrete / PG 100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-350.0
C-153	Structural concrete / PG 100	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	Hot asphalt	(Optional) additional layer(s) of base insulation	Hot asphalt	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-480.0

**TABLE 3B: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR OR AIR BARRIER, BONDED INSULATION, BONDED ROOF COVER***

System No.	Deck (Note 1)	Primer	Vapor or Air Barrier	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	
ASPHALT OR TORCH APPLIED BASE PLY:											
C-154	Structural concrete	(Optional) PG100	PolyVap SA G or PolyVap SA, self-adhered	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-595.0
C-155	Structural concrete	None	PolyVap SA S, self-adhered	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-595.0
SELF-ADHERING BASE PLY:											
C-156	Structural concrete	(Optional) PG100	PolyVap SA G or PolyVap SA, self-adhered	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-595.0
C-157	Structural concrete	None	PolyVap SA S, self-adhered	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-595.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):											
C-158	Structural concrete	(Optional) PG100	PolyVap SA G or PolyVap SA, self-adhered	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-595.0
C-159	Structural concrete	None	PolyVap SA S, self-adhered	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG, P-LRF-PG-ECO, P-LRF-CR or OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-595.0

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

System No.	Deck (Note 1)	Primer	Roof Cover (Note 15)			*MDP (psf)
			Base Ply	Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED BASE PLY:						
C-160	Structural concrete	PG100	APP-TA	(Optional) APP-TA	APP-TA	-256.8
C-161	Structural concrete	PG100	(Optional) SBS-TA	(Optional) SBS-TA	SBS-TA	-495.0
C-162	Structural concrete	PG100	BP-AA (Optional if using asphalt applied Ply)	(Optional if using asphalt applied Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-622.5
SELF-ADHERING BASE PLY:						
C-163	Structural concrete	PG100	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
C-164	Structural concrete	PG100	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-315.0
COLD-APPLIED BASE PLY:						
C-165	Structural concrete	None	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-105.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):						
C-166	Structural concrete	None	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-256.8

**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: 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	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
CELCORE (NOA 24-0906.02):										
ASPHALT OR TORCH APPLIED BASE PLY:										
LWC-1	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch DensDeck Prime	OB500	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-282.5
LWC-2	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch DensDeck Prime	OB500	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-367.5
LWC-3	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch DEXcell Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-322.5
LWC-4	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-225.0
LWC-5	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-322.5
LWC-6	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	BP-AA, SBS-AA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-222.5
LWC-7	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 7/16-inch DEXcell Cement Roof Board	P-LRF-CR	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-222.5
SELF-ADHERING BASE PLY:										

**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: 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	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-8	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch DensDeck Prime	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA or APP-SA	-72.5
LWC-9	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch DensDeck Prime	OB500	SBS-SA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-282.5
LWC-10	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-SA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-322.5
LWC-11	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with POLYBRITE 745 or WB3000	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-322.5
LWC-12	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA or APP-SA	-72.5
LWC-13	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	Min. 1.5-inch, Insulfoam IX	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-222.5
LWC-14	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-222.5
LWC-15	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-222.5

TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: 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	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-16	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with WB3000	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-222.5
LWC-17	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 7/16-inch DEXcell Cement Roof Board, optionally primed with WB3000	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-222.5
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):										
LWC-18	Structural concrete	Min. 390 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-282.5
LWC-19	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-222.5
LWC-20	Structural concrete	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-222.5
ELASTIZELL (NOA 23-0817.05):										
ASPHALT OR TORCH APPLIED BASE PLY:										
LWC-21	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-225.0
LWC-22	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-180.0
LWC-23	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 7/16-inch DEXcell Cement Roof Board	P-LRF-CR	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
SELF-ADHERING BASE PLY:										

**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: 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	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-24	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Min. 1.5-inch, Insulfoam IX	OB500	(Optional) Additional layers of base insulation	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-120.0
LWC-25	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Min. 1.5-inch, Insulfoam IX	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with WB3000	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-120.0
LWC-26	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	OB500	(Optional) Additional layers of base insulation	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-225.0
LWC-27	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with WB3000	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-225.0
LWC-28	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA or APP-SA	-72.5
LWC-29	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Min. 1.5-inch, Insulfoam IX	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-180.0
LWC-30	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-180.0
LWC-31	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-180.0
LWC-32	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with WB3000	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-180.0

TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: 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	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-33	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 7/16-inch DEXcell Cement Roof Board, optionally primed with WB3000	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-180.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):										
LWC-34	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Min. 1.5-inch Polytherm or Polytherm-H	OB500	(Optional) Additional layers of base insulation	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-225.0
LWC-35	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, ENRGY 3 or Polytherm-H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-225.0
LWC-36	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-72.5
LWC-37	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-180.0
LWC-38	Structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-180.0
MEARLCRETE (NOA 24-0514.06):										
ASPHALT OR TORCH APPLIED BASE PLY:										
LWC-39	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	BP-AA, SBS-AA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-222.5
LWC-40	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 7/16-inch DEXcell Cement Roof Board	P-LRF-CR	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-222.5

TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: 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	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
SELF-ADHERING BASE PLY:										
LWC-41	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA or APP-SA	-72.5
LWC-42	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	Min. 1.5-inch, Insulfoam IX	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-222.5
LWC-43	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-222.5
LWC-44	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-222.5
LWC-45	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3, Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with WB3000	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-222.5
LWC-46	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3 or Insulfoam IX	P-LRF-CR	Min. 7/16-inch DEXcell Cement Roof Board, optionally primed with WB3000	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA	-222.5
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):										
LWC-47	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	(Optional) Additional layers of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-222.5
LWC-48	Structural concrete	Min. 200 psi, min. 2-inch Mearlcrete	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-222.5
PRE-EXISTENT CELULAR LWC (NOTE 14A):										
ASPHALT OR TORCH APPLIED BASE PLY:										

**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: 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	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-49	Structural concrete	Pre-existent, min. 2-inch, cellular lightweight concrete Compressive: 280 psi Withdrawal: N/A	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H, Polytherm CG	Hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	(Optional) SBS-AA	SBS-AA	-235.0

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

‡ NOTE: For steel deck application where specific deck attachment is not referenced, tested attachment was 5/8" puddle welds with weld-washers or #12 HWH Tek's 5 screws spaced 6" o.c.

System No.	Deck‡ (Note 1)	Lightweight Concrete (Note 14)	Anchor Sheet			Temp Roof	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED BASE PLY:														
LWC-50	Min. 22 ga., Type B, vented steel at max. 5 ft spans	Min. 300 psi, min. 2-inch Celcore Cellular Concrete, Elastizell Lightweight Insulating Concrete or Mearlcrete	Elastovent	OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. at min. 4-inch lap and 7-inch o.c. at two, equally spaced center rows	(Optional) SBS-TA (sanded-top-surface)	(Optional) Min. 1.5-inch Polytherm, Polytherm-H, Multi-Max FA3 or Polytherm	HA	Min. 1.5-inch Therमारoo Composite, Polytherm Composite, or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or min. 0.75-inch Fesco Board (homogeneous)	HA	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0
LWC-51	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Elastobase V, Elastobase P or Elastovent	Trufast FM-90 Base Sheet Fastener	8-inch o.c. at a min. 4-inch lap and 8-inch o.c. at three equally spaced, staggered center rows	SBS-TA (sanded-top-surface)	Min. 2-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRFM, 6-inch o.c.	<u>Additional Insulation Layer(s):</u> (Optional) Min. 0.5-inch base insulation flat or tapered <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Additional Layer(s):</u> P-LRFM, 4-inch o.c. <u>Coverboard:</u> P-LRFM, 6-inch o.c.	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-60.0*
SELF-ADHERING BASE PLY:														

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

‡ NOTE: For steel deck application where specific deck attachment is not referenced, tested attachment was 5/8" puddle welds with weld-washers or #12 HWH Tek's 5 screws spaced 6" o.c.

System No.	Deck‡ (Note 1)	Lightweight Concrete (Note 14)	Anchor Sheet			Temp Roof	Base Insulation		Top Insulation		Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
LWC-52	Min. 22 ga., Type B, vented steel at max. 5 ft spans	Min. 300 psi, min. 2-inch Celcore Cellular Concrete, Elastzell Lightweight Insulating Concrete or Mearlcrete	Elastovent	OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. at min. 4-inch lap and 7-inch o.c. at two, equally spaced center rows	(Optional) SBS-TA (sanded-top-surface)	Min. 1.5-inch Polytherm, Polytherm-H, Multi-Max FA3 or Polytherm	HA	None	N/A	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-45.0
LWC-53	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Elastobase V, Elastobase P or Elastovent	Trufast FM-90 Base Sheet Fastener	8-inch o.c. at a min. 4-inch lap and 8-inch o.c. at three equally spaced, staggered center rows	SBS-TA (sanded-top-surface)	Min. 2-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRFM, 6-inch o.c.	(Optional) Additional layers of base insulation, min. 0.5-inch, flat or tapered	P-LRFM, 4-inch o.c.	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-60.0*
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):														
LWC-54	Min. 22 ga., Type B, vented steel at max. 5 ft spans	Min. 300 psi, min. 2-inch Celcore Cellular Concrete, Elastzell Lightweight Insulating Concrete or Mearlcrete	Elastovent	OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. at min. 4-inch lap and 7-inch o.c. at two, equally spaced center rows	(Optional) SBS-TA (sanded-top-surface)	Min. 1.5-inch Polytherm or Polytherm-H	hot asphalt	None	N/A	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
LWC-55	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Elastobase V, Elastobase P or Elastovent	Trufast FM-90 Base Sheet Fastener	8-inch o.c. at a min. 4-inch lap and 8-inch o.c. at three equally spaced, staggered center rows	SBS-TA (sanded-top-surface)	Min. 2-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRFM, 6-inch o.c.	(Optional) Additional layers of base insulation, min. 0.5-inch, flat or tapered	P-LRFM, 4-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0

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

‡ **NOTE:** For steel deck application where specific deck attachment is not referenced, tested attachment was 5/8" puddle welds with weld-washers or #12 HWH Tek's 5 screws spaced 6" o.c. See [Note 1](#).

System No.	‡Deck (Note 1)	Lightweight Concrete (Note 14)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
PRE-EXISTENT CELLULAR LIGHTWEIGHT INSULATING CONCRETE:								
LWC-56	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick pre-existent cellular LWC. <i>Note: To qualify the LWIC, an OMG C-R Assembled Base Sheet Fastener (1.7 in.) shall achieve an average withdrawal of 53 lbf when tested per Note 11.</i>	Elastovent	OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 3-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	(Optional) BP-AA, SBS-AA	SBS-AA, APP-TA	-45.0
CELCORE (NOA 24-0906.02):								
ASPHALT OR TORCH APPLIED BASE PLY:								
LWC-57	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 200 psi, min. 2-inch thick Celcore	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 3-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA	SBS-AA	-45.0
LWC-58	Min. 26 ga., type HF steel at max 5 ft spans or structural concrete	Min. 225 psi, min. 2-inch thick Celcore MF	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	OMG C-R Assembled Base Sheet Fastener (1.7 in.)	9-inch o.c. in a 3-inch lap and 9-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA	SBS-AA	-45.0
LWC-59	Min. 22 ga., type B steel at max 6 ft spans or structural concrete	Min. 225 psi, min. 2-inch thick Celcore MF	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 3-inch lap and 14-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA	SBS-AA	-45.0
LWC-60	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 225 psi, min. 2-inch thick Celcore MF	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	OMG C-R Assembled Base Sheet Fastener (1.7 in.)	9-inch o.c. in a 3-inch lap and 9-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA	SBS-AA	-45.0
LWC-61	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 225 psi, min. 2-inch thick Celcore MF	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast Twin Loc-Nail	9-inch o.c. in a 4-inch lap and 18-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0
LWC-62	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF	Elastobase V, Elastobase P, Elastovent	Trufast FM-90 Base Sheet Fastener	8-inch o.c. in a 4-inch lap and 8-inch o.c. in three equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
LWC-63	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF	Elastobase V or Elastobase P (with poly-film top)	Trufast FM-90 Base Sheet Fastener	8-inch o.c. in a 4-inch lap and 8-inch o.c. in three equally spaced, staggered center rows	SBS-TA or APP-TA	SBS-TA or APP-TA	-60.0

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

‡ **NOTE:** For steel deck application where specific deck attachment is not referenced, tested attachment was 5/8" puddle welds with weld-washers or #12 HWH Tek's 5 screws spaced 6" o.c. See [Note 1](#).

System No.	‡Deck (Note 1)	Lightweight Concrete (Note 14)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
LWC-64	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Celcore	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 3-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
SELF-ADHERING BASE PLY:								
LWC-65	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 225 psi, min. 2-inch thick Celcore MF	Elastobase V or Elastobase P (with poly-film top)	Trufast Twin Loc-Nail	9-inch o.c. in a 4-inch lap and 18-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-45.0
LWC-66	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF	Elastobase V or Elastobase P (with poly-film top)	Trufast FM-90 Base Sheet Fastener	8-inch o.c. in a 4-inch lap and 8-inch o.c. in three equally spaced, staggered center rows	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-60.0
ELASTIZELL (NOA 23-0817.05):								
ASPHALT OR TORCH APPLIED BASE PLY:								
LWC-67	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 200 psi, min. 2-inch thick Elastizell Range II	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 3-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0
LWC-68	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 200 psi, min. 2-inch thick Elastizell Range II	Elastobase V or Elastobase P (with poly-film top)	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 3-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	SBS-TA or APP-TA	SBS-TA or APP-TA	-45.0
LWC-69	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 350 psi, min. 2-inch thick Elastizell with Zell-Crete Fibers, supplemental attached with Roofgrip #21 and 3-inch plates at 1 per 8 ft ²	Elastobase V, Elastobase P or Elastovent	Trufast Twin Loc-Nails (min. 1.8-inch)	6-inch o.c. in a 4-inch lap and 6-inch o.c. in three, equally spaced, staggered rows in the field of the sheet	BP-AA or SBS-AA	SBS-AA, SBS-TA, SBS-SA, APP-TA or APP-SA	-60.0
LWC-70	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 350 psi, min. 2-inch thick Elastizell with Zell-Crete Fibers, supplemental attached with Roofgrip #21 and 3-inch plates at 1 per 8 ft ²	Elastobase V or Elastobase P (with poly-film top)	Trufast Twin Loc-Nails (min. 1.8-inch)	6-inch o.c. in a 4-inch lap and 6-inch o.c. in three, equally spaced, staggered rows in the field of the sheet	SBS-TA or APP-TA	SBS-TA or APP-TA	-60.0
SELF-ADHERING BASE PLY:								
LWC-71	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 200 psi, min. 2-inch thick Elastizell Range II	Elastobase V or Elastobase P (with poly-film top)	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 3-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-45.0

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

‡ **NOTE:** For steel deck application where specific deck attachment is not referenced, tested attachment was 5/8" puddle welds with weld-washers or #12 HWH Tek's 5 screws spaced 6" o.c. See [Note 1](#).

System No.	‡Deck (Note 1)	Lightweight Concrete (Note 14)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
LWC-72	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 350 psi, min. 2-inch thick Elastizell with Zell-Crete Fibers, supplemental attached with Roofgrip #21 and 3-inch plates at 1 per 8 ft ²	Elastobase V or Elastobase P (with poly-film top)	Trufast Twin Loc-Nails (min. 1.8-inch)	6-inch o.c. in a 4-inch lap and 6-inch o.c. in three, equally spaced, staggered rows in the field of the sheet	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-60.0
MEARLCRETE (NOA 24-0514.06):								
ASPHALT OR TORCH APPLIED BASE PLY:								
LWC-73	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Mearlcrete	Elastobase V or Elastobase P, Elastovent or Polyglass G2 Base	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 4-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
LWC-74	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Mearlcrete	Elastobase V or Elastobase P (with poly-film top)	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 4-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	SBS-TA or APP-TA	SBS-TA or APP-TA	-52.5
SELF-ADHERING BASE PLY:								
LWC-75	Min. 22 ga., type B steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch thick Mearlcrete	Elastobase V or Elastobase P (with poly-film top)	Trufast FM-90 Base Sheet Fastener or OMG C-R Assembled Base Sheet Fastener (1.7 in.)	7-inch o.c. in a 4-inch lap and 7-inch o.c. in two, equally spaced, staggered rows in the field of the sheet	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA	-52.5

TABLE 4D: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE E-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR OR AIR BARRIER, LWC, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER												
System No.	Deck (Note 1)	Thermal Barrier			Vapor or Air Barrier	Lightweight Concrete (Note 14)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
CELCORE (NOA 24-0906.02):												
LWC-76	Min. 22 ga., Type B, Grade 40 steel; 5 ft span; 5/8-inch puddle welds, 6" o.c.	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft ²	Elastoflex V G, Elastoflex S6 G, Polybond G or Polyflex G, torch-applied	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Elastobase V, Elastobase P, Elastovent, Polybase V or Polyglass G2 Base	OMG C-R Assembled Base Sheet Fastener (1.7 in.), OlyLock 1.8, Trufast FM-90 Base Sheet Fastener or Trufast Twin Loc-Nails (1.8 in.)	6-inch o.c. at a min. 4-inch lap and 6-inch o.c. at two, equally spaced center rows	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-52.5
LWC-77	Min. 22 ga., Type B, Grade 40 steel; 5 ft span; 5/8-inch puddle welds, 6" o.c.	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft ²	Elastoflex V G, Elastoflex S6 G, Polybond G or Polyflex G, torch-applied	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Elastobase V, Elastobase P, Elastovent, Polybase V or Polyglass G2 Base	Trufast Versa-Fast Fasteners and Versa-Fast Plates; two (2) screws per plate	6-inch o.c. at a min. 4-inch lap and 6-inch o.c. at two, equally spaced center rows	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-60.0
PRE-EXISTENT CELLULAR LWC (NOTE 14A):												
LWC-78	Min. 22 ga., Type BV, Grade 40 steel; 5 ft span; 5/8-inch puddle welds, 6" o.c.	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.7 ft ²	Elastoflex V G, Elastoflex S6 G, Polybond G or Polyflex G, torch-applied	Pre-existent, min. 2-inch, cellular lightweight concrete Compressive: 410 psi Withdrawal: 59 lbf	Elastobase V, Elastobase P, Elastovent, Polybase V or Polyglass G2 Base	Trufast FM-90 Base Sheet Fastener	6-inch o.c. at a min. 4-inch lap and 6-inch o.c. at two, equally spaced center rows	(Optional) APP-TA or SBS-TA	APP-TA or SBS-TA	-60.0

TABLE 4E: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE F: NON-INSULATED, BONDED BASE SHEET, BONDED ROOF COVER												
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)			Treatment	Roof Cover (Note 15)			MDP (psf)			
		Type				Base Ply	Ply	Cap Ply				
CELCORE (NOA 24-0906.02):												
LWC-79	Min. 22 ga., Type B, Grade 33 steel, 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 200 psi, min. 2-inch Celcore Cellular Concrete or min. 350 psi, min. 2-inch Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture			Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-60.0			
LWC-80	Min. 22 ga., Type BV, Grade 40 steel, 6 ft span; 5/8" puddle welds, 6" o.c.	Celcore S-1 Deck Preparation Min. 350 psi, min. 2-inch Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture			Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-67.5			
LWC-81	Min. 22 ga., Type B, Grade 33 steel, 5 ft span; #12 HWH Tek 5, 6" o.c.	Min. 200 psi, min. 2-inch Celcore Cellular Concrete			Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-75.0			

**TABLE 4E: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED BASE SHEET, BONDED ROOF COVER**

System No.	Deck (Note 1)	Lightweight Concrete (Note 14)		Roof Cover (Note 15)			MDP (psf)
		Type	Treatment	Base Ply	Ply	Cap Ply	
LWC-82	Min. 22 ga., Type BV, Grade 40 steel, 6 ft span; 5/8" puddle welds, 6" o.c.	Celcore S-1 Deck Preparation Min. 310 psi, min. 2-inch Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-82.5
LWC-83	Min. 22 ga., Type BV, Grade 40 steel, 5 ft span; #12 HWH Tekes 5, 6" o.c.	Celcore S-1 Deck Preparation Min. 460 psi, min. 2-inch Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-90.0
LWC-84	Min. 22 ga., Type B, Grade 33 steel, 4 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 200 psi, min. 2-inch Celcore Cellular Concrete	Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-90.0
LWC-85	Structural concrete	Min. 225 psi, min. 2-inch Celcore MF Cellular Concrete	Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-262.5
LWC-86	Structural concrete	Min. 400 psi, min. 2-inch Celcore Cellular Concrete (no EPS)	Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-277.5
LWC-87	Structural concrete	Min. 350 psi, min. 2-inch Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-367.5
ELASTIZELL (NOA 23-0817.05):							
LWC-88	Min. 22 ga., Type BV, Grade 50 steel, 6 ft span; 5/8" puddle weld, 6" o.c.	Min. 280 psi, min. 2-inch thick Elastizell Range II Lightweight Insulating Concrete; holey board optional	N/A	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
LWC-89	Min. 22 ga., Type BV, Grade 33 steel, 6 ft span; 5/8" puddle weld, 6" o.c. Side laps stitched with four (4) #10 HWH Tekes 1 screws, evenly spaced between supports	Min. 250 psi, Elastizell Range II Lightweight Insulating Concrete cast with Zell-Crete Fibers; slurry coat to 1/8 to 1/4-inch over top deck flange followed by 1-inch thick x 1.0 pcf EPS holey board. 24 hour dwell-time prior to placement of 2-inch thick top coat.	N/A	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-90.0
LWC-90	Structural concrete	Min. 250 psi, min. 2-inch thick Elastizell Range II Lightweight Insulating Concrete; holey board optional	N/A	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-205.0
PRE-EXISTENT CELLULAR LWC (NOTE 14A):							
LWC-91	Structural concrete	Pre-existent, min. 2-inch, cellular lightweight concrete Compressive: 280 psi Withdrawal: N/A	N/A	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5
LWC-92	Structural concrete	Pre-existent, min. 2-inch, cellular lightweight concrete Compressive: 280 psi Withdrawal: N/A	N/A	Elastovent applied in Polyglass LRF CR, spatter-applied	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-235.0

**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, 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	
ASPHALT OR TORCH APPLIED BASE PLY:									
CBF-1	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Min. 1.5-inch Polytherm, ISO 95+GL, Polytherm-H, ENRGY-3	OB500	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0
CBF-2	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Min. 1.5-inch Polytherm, ISO 95+GL, Polytherm-H, ENRGY-3	OB500	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA, APP-TA	-45.0
CBF-3	Existing Min. 2-inch Tectum Plank or Tectum LS Plank; 2 ft span; three (3) evenly spaced #15 screws with 2" diameter plates per joist	Min. 1.5-inch Polytherm, ISO 95+GL, Polytherm-H, ENRGY-3	P-LRF-CR	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	P-LRF-CR	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
CBF-4	Existing Min. 2-inch Tectum Plank or Tectum LS Plank; 2 ft span; three (3) evenly spaced #15 screws with 2" diameter plates per joist	Min. 1.5-inch Polytherm, ISO 95+GL, Polytherm-H, ENRGY-3	P-LRF-CR	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA, APP-TA	-52.5
CBF-5	Tectum Plank, max. 4 ft span; Trufast #12 Purlin Fastener & Trufast 2" Barbed Metal Seam Plate, three (3) equally spaced for 3 ft panel width (12" o.c.)	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-75.0
CBF-6	Tectum Plank, max. 4 ft span; Trufast #12 Purlin Fastener & Trufast 2" Barbed Metal Seam Plate, three (3) equally spaced for 3 ft panel width (12" o.c.)	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA, APP-TA	-75.0
SELF-ADHERING BASE PLY:									
CBF-7	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Min. 1.5-inch Polytherm, ISO 95+GL, Polytherm-H, ENRGY-3	OB500	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-45.0
CBF-8	Existing Min. 2-inch Tectum Plank or Tectum LS Plank; 2 ft span; three (3) evenly spaced #15 screws with 2" diameter plates per joist	Min. 1.5-inch Polytherm, ISO 95+GL, Polytherm-H, ENRGY-3	P-LRF-CR	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-52.5

**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, 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	
CWF-9	Tectum Plank, max. 4 ft span; Trufast #12 Purlin Fastener & Trufast 2" Barbed Metal Seam Plate, three (3) equally spaced for 3 ft panel width (12" o.c.)	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-75.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):									
CWF-10	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Min. 1.5-inch Polytherm, Polytherm-H, ENRGY-3	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0
CWF-11	Existing Min. 2-inch Tectum Plank or Tectum LS Plank; 2 ft span; three (3) evenly spaced #15 screws with 2" diameter plates per joist	Min. 1.5-inch Polytherm, Polytherm-H, ENRGY-3	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-52.5
CWF-12	Tectum Plank, max. 4 ft span; Trufast #12 Purlin Fastener & Trufast 2" Barbed Metal Seam Plate, three (3) equally spaced for 3 ft panel width (12" o.c.)	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-75.0

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – 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		Roof Cover (Note 15)			MDP (psf)
		Type	Fasten (Note 11)	Attach (Note 17)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
CWF-13	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Min. 2-inch Polytherm or Polytherm-H H	OMG Polymer GypTec with Polymer GypTec Plate or Trufast TL with Trufast TL 3 in. Plate	1 per 4.0 ft ²	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*

TABLE 5C: CEMENTITIOUS WOOD FIBER DECKS – 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			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	
ASPHALT OR TORCH APPLIED BASE PLY:												
CWF-14	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast Twin Loc-Nail	9-inch o.c. in 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3,	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*
CWF-15	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast Twin Loc-Nail	9-inch o.c. in 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3,	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-TA or APP-TA	(Optional) SBS-TA, SBS-SA or APP-TA	SBS-TA, SBS-SA, APP-TA, APP-SA	-45.0*
SELF-ADHERING BASE PLY:												
CWF-16	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast Twin Loc-Nail	9-inch o.c. in 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3,	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-SA	(Optional) SBS-TA, SBS-SA or APP-TA	SBS-TA, SBS-SA, APP-TA, APP-SA	-45.0*
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):												
CWF-17	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast Twin Loc-Nail	9-inch o.c. at min. 4-inch lap and 18-inch o.c. at two, equally spaced, staggered center rows	Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	Hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-45.0*

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

System No.	Deck (Note 1)	Base Insulation Layer (Note 3, Note 13)	Top Insulation Layer			Roof Cover (Note 15)			MDP (psf)
			Type	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
CWF-18	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Trufast Twin Loc-Nails (min. 1-inch embedment)	1 per 2.0 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*

**TABLE 5E: CEMENTITIOUS WOOD FIBER 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	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
CWF-19	Existing Min. 2.5-inch Tectum Plank or Tectum LS Plank	Elastobase V, Elastobase P, Polyglass G2 Base	Trufast Twin Loc-Nails, 1.8-inch	9-inch o.c. in 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*

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

System No.	Deck (Notes 1&12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			*MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED BASE PLY:									
G-1	Existing gypsum deck	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	None	N/A	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-245.0
G-2	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H or Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRF-CR	0.5-inch SECUROCK Cement Roof Board	P-LRF-CR	SBS-TA	(Optional) SBS-TA	SBS-TA	-187.5
G-3	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H or Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
G-4	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H or Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRF-CR, 6-inch o.c.	0.5-inch SECUROCK Cement Roof Board	P-LRF-CR, 6-inch o.c.	SBS-TA	(Optional) SBS-TA	SBS-TA	-232.5
G-5	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H or Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRF-CR	Min. 0.25-inch DensDeck Prime	P-LRF-CR	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-282.5
G-6	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G or Polytherm-H or Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
SELF-ADHERING BASE PLY:									
G-7	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3 or min. Insulfoam IX	OB500	Min. 0.25-inch Dens Deck Prime	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-72.5
G-8	Existing gypsum deck	Min. 1.5-inch min. Insulfoam IX	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-112.5
G-9	Existing gypsum deck	Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-112.5
G-10	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3 or min. Insulfoam IX	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-112.5
G-11	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRFM	Min. 0.25-inch Dens Deck Prime	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-72.5

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

System No.	Deck (Notes 1&12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			*MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-12	Existing gypsum deck	Min. 1.5-inch Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRFM	(Optional) additional layers(s) of base insulation	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-202.5
G-13	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRFM	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-202.5
G-14	Existing gypsum deck	(Optional) Min. 1.5-inch, Insulfoam IX, Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-72.5
G-15	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H or Insulfoam IX	P-LRF-CR	Polytherm HD, ACfoam-HD Coverboard or ACfoam-HD Coverboard-FR	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA	-230.0
G-16	Existing gypsum deck	Min. 1.5-inch, Insulfoam IX	P-LRF-CR	(Optional) additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA	-240.0
G-17	Existing gypsum deck	Min. 1.5-inch, Insulfoam IX	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-240.0
G-18	Existing gypsum deck	Min. 1.5-inch Insulfoam IX	P-LRF-CR	Polytherm HD, ACfoam-HD Coverboard or ACfoam-HD Coverboard-FR	P-LRF-CR, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-240.0
G-19	Existing gypsum deck	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRF-CR	(Optional) additional layers of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-257.5
G-20	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, Polytherm CG, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-257.5
G-21	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD, ACfoam-HD Coverboard or ACfoam-HD Coverboard-FR	P-LRF-CR, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-285.0

COLD APPLIED BASE PLY:

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

System No.	Deck (Notes 1&12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			*MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-22	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM	Min. 0.25-inch Dens Deck, Dens Deck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
G-23	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
G-24	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
G-25	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM	Min. 0.25-inch Dens Deck, Dens Deck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-202.5
G-26	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch Dens Deck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-112.5
G-27	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
G-28	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5

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

System No.	Deck (Notes 1&12)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)			*MDP (psf)
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Ply	Cap Ply	
G-29	Existing gypsum deck	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
G-30	Existing gypsum deck	(Optional) Min. 1-inch ENRGY 3, Polytherm-H, Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-232.5
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):									
G-31	Existing gypsum deck	Min. 1.5-inch Polytherm or Polytherm-H	OB500	(Optional) additional layer(s) of base insulation	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-112.5
G-32	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm or Polytherm-H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-112.5
G-33	Existing gypsum deck	Min. 1.5-inch Polytherm-H	P-LRFM	(Optional) additional layer(s) of base insulation	P-LRFM	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
G-34	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm-H	P-LRFM	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRFM	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
G-35	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-230.0
G-36	Existing gypsum deck	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	(Optional) additional layers of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-257.5
G-37	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H or Polytherm CG	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-257.5
G-38	Existing gypsum deck	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD or ACFoam-HD Coverboard	P-LRF-CR, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-285.0

TABLE 6B: 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			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	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast FM-75 or FM-90 or Twin Loc-Nails	9-inch o.c. in 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	Hot asphalt	Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 0.75-inch Fesco Board (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*

TABLE 6C: GYPSUM DECKS – 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	Fasten (Note 11)	Attach (Note 17)	Base Ply	Ply	Cap Ply	
G-40	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Trufast Twin Loc-Nails (min. 1-inch embedment)	1 per 2.0 ft ²	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*

TABLE 6D: 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	Fasten (Note 11)	Attach	Base Ply	Cap Ply			
G-41	Existing gypsum deck	Elastobase V, Elastobase P, Elastovent or Polyglass G2 Base	Trufast FM-75 or FM-90 or Twin Loc-Nails	9-inch o.c. in 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA	-45.0*		

TABLE 6E: GYPSUM DECKS – REROOF (TEAR-OFF)							
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER							
System No.	Substrate (Note 1, Note 12)	Primer	Roof Cover (Note 15)			MDP (psf)^A	
			Base Ply	Ply	Cap Ply		
G-42	Existing gypsum deck	None	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-256.8	

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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	
ASPHALT OR TORCH APPLIED BASE PLY:									
R-1	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	OB500	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA, or APP-TA	-127.5
R-2	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRFM	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM	BP-AA, SBS-AA, SBS-TA, APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-157.5
R-3	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-187.5
R-4	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-202.5
R-5	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 2-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
R-6	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime	P-LRF-PG-ECO	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-247.5
R-7	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-247.5
R-8	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-TA, APP-TA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G or min. 1.5-inch Multi-Max FA3 or Ultra-Max or Insulfoam IX	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-225.0
R-10	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G or min. 1.5-inch Multi-Max FA3 or Ultra-Max or Insulfoam IX	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	APP-TA	(Optional) APP-TA	APP-TA	-232.5
SELF-ADHERING BASE PLY:									
R-11	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3 or Insulfoam IX	OB500	Min. 0.25-inch Dens Deck Prime	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-72.5
R-12	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch, Insulfoam IX	OB500	(Optional) additional layers of base insulation	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-120.0
R-13	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch, Insulfoam IX	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-120.0
R-14	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H	OB500	(Optional) additional layer(s) of base insulation	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-127.5
R-15	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm-H or ENRGY 3	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-127.5
R-16	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H or Insulfoam IX	OB500	Polytherm HD, ACfoam-HD Coverboard or ACfoam-HD Coverboard-FR	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-127.5
R-17	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRFM	Min. 0.25-inch Dens Deck Prime	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-72.5

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-18	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRFM	(Optional) additional layers(s) of base insulation	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-157.5
R-19	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRFM	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-157.5
R-20	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H or Insulfoam IX	P-LRFM or P-LRFM-PG	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	P-LRFM or P-LRFM-PG	SBS-SA	(Optional) SBS-SA	SBS-SA	-157.5
R-21	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-122.5
R-22	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min 1.5-inch Polytherm G	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-187.5
R-23	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	(Optional) additional layers of base insulation or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA	-202.5
R-24	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Polytherm HD	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA	SBS-SA	-230.0
R-25	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-232.5

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-26	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm, EnergyGuard Polyiso Insulation, ENRGY 3, Polytherm-H or Multi-Max FA3	P-LRF-PG-ECO	(Optional) additional layer(s) of base insulation, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3	-247.5
R-27	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-247.5
R-28	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-247.5
R-29	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm G or UltraMax	P-LRF-PG-ECO	(Optional) additional layer(s) of base insulation, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	None	SBS-CA1, SBS-CA2, SBS-CA3	-290.0
R-30	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, optionally primed with POLYBRITE 745 or WB3000	P-LRF-PG-ECO	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-322.5
R-31	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G, min. 1.5-inch Insulfoam X, Multi-Max FA3 or Ultra-Max or min. 2.0-inch Polytherm	P-LRF-CR	Min. 0.25-inch Dens Deck Prime	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-72.5
R-32	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H or Insulfoam IX	P-LRF-CR	Polytherm HD, ACfoam-HD Coverboard or ACfoam-HD Coverboard-FR	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA	-230.0

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-33	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch Insulfoam IX	P-LRF-CR	(Optional) additional layers(s) of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA	SBS-SA	-240.0
R-34	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Insulfoam IX	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-240.0
R-35	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch Multi-Max FA3 or Ultra-Max, min. 1.3-inch Polytherm G or min. 1.0-inch Polytherm H, Polytherm CG or ENRGY 3	P-LRF-CR	(Optional) additional layers(s) of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-240.0
R-36	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.0-inch Polytherm-H, Polytherm CG or ENRGY 3, min. 1.3-inch Polytherm G or min. 1.5-inch Multi-Max FA3 or Ultra-Max	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-240.0
R-37	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch, Insulfoam IX IX	P-LRF-CR	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	P-LRF-CR, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-240.0
R-38	Existing, fully-adhered, asphaltic roof	Min. 2-inch Polytherm, ENRGY-3, Polytherm-H	P-LRF-CR	(Optional) additional layers(s) of base insulation	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-247.5
R-39	Existing, fully-adhered, asphaltic roof	(Optional) Min. 2-inch Polytherm, Polytherm-H or ENRGY 3	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-SA	(Optional) SBS-SA, SBS-TA, APP-TA	SBS-SA, APP-SA, SBS-TA, APP-TA	-247.5
R-40	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD, ACFoam-HD Coverboard or ACFoam-HD Coverboard-FR	P-LRF-CR, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-262.5
COLD APPLIED BASE PLY:									
R-41	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch Dens Deck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-42	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board or 7/16-inch DEXcell Cement Roof Board	OB500	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
R-43	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
R-44	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch Dens Deck, Dens Deck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM or P-LRFM-PG	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
R-45	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM, P-LRFM-PG	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
R-46	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRFM, P-LRFM-PG	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-47	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or Ultra-Max or min. 2-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	P-LRFM, P-LRFM-PG	Min. 0.25-inch Dens Deck, Dens Deck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Glass-Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	P-LRFM, P-LRFM-PG	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-157.5
R-48	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm, Polytherm G, EnergyGuard Polyiso Insulation, ENRGY 3, Polytherm-H, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0
R-49	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime	P-LRF-PG-ECO	SBS-CA1, SBS-CA3	None	APP-CA1	-127.5
R-50	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-CA1, SBS-CA2, SBS-CA3	None	APP-CA1	-127.5
R-51	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm, Polytherm G, Polytherm-H, EnergyGuard Polyiso Insulation, ENRGY 3, Multi-Max FA3 or UltraMax	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-232.5
R-52	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	(Optional) SBS-CA1, SBS-CA2, SBS-CA3	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-120.0

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-53	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or DEXcell FA Glass Mat Roof Board	P-LRF-CR	SBS-CA1, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
R-54	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch Polytherm, Polytherm G, Polytherm-H, ENRGY 3 or Multi-Max FA3	P-LRF-CR	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3, APP-CA1	-127.5
R-55	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1-inch ENRGY 3, Polytherm-H, Multi-Max FA3	P-LRF-CR	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-CA1, SBS-CA2, SBS-CA3	None	SBS-CA1, SBS-CA2, SBS-CA3	-232.5
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):									
R-56	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch Polytherm or Polytherm-H	OB500	(Optional) additional layers(s) of base insulation	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-127.5
R-57	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm or Polytherm-H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard	OB500	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-127.5
R-58	Existing, fully-adhered, asphaltic roof	Min. 1.5-inch Polytherm or Polytherm-H	P-LRFM or P-LRFM-PG	(Optional) additional layers(s) of base insulation	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-157.5
R-59	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRFM or P-LRFM-PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD or ACfoam-HD Coverboard	P-LRFM or P-LRFM-PG	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-157.5
R-60	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm or Polytherm G	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-122.5
R-61	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm or Polytherm-H	P-LRF-PG-ECO	Min 1.5-inch Polytherm G	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-187.5

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-62	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	(Optional) additional layers of base insulation	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-202.5
R-63	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Polytherm HD	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-230.0
R-64	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch Polytherm-H	P-LRF-PG-ECO	(Optional) additional layers(s) of base insulation	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-232.5
R-65	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-PG-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch Polytherm HD	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-247.5
R-66	Existing, fully-adhered smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch Polytherm G	P-LRF-PG-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	P-LRF-PG-ECO	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-282.5
R-67	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD or ACfoam-HD Coverboard	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-230.0
R-68	Existing, fully-adhered, asphaltic roof	Min. 1.3-inch Polytherm G or min. 1.0-inch Polytherm H or Polytherm CG	P-LRF-CR	(Optional) additional layers(s) of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-240.0
R-69	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.3-inch Polytherm G or min. 1.0-inch Polytherm H or Polytherm CG	P-LRF-CR	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-240.0
R-70	Existing, fully-adhered, asphaltic roof	Min. 2-inch Polytherm	P-LRF-CR	(Optional) additional layers(s) of base insulation	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-247.5

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 and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (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-71	Existing, fully-adhered, asphaltic roof	(Optional) Min. 2-inch Polytherm or Polytherm-H	P-LRF-CR	Min. 0.25-inch Densdeck Prime or SECUROCK Gypsum-Fiber Roof Board	P-LRF-CR	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-247.5
R-72	Existing, fully-adhered, asphaltic roof	(Optional) Min. 1.5-inch Polytherm, Polytherm G or Polytherm-H	P-LRF-CR	Polytherm HD or ACfoam-HD Coverboard	P-LRF-CR, 6-inch o.c.	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-262.5

TABLE 7B: RECOVER APPLICATIONS
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER

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

System No.	Substrate (Note 1, Note 12)	Primer	Roof Cover (Note 15)			MDP (psf) ^A
			Base Ply	Ply	Cap Ply	
ASPHALT- OR TORCH-APPLIED BASE PLY:						
R-73	Existing fully-adhered, granule-surfaced modified bitumen	None	(Optional) Polyflex, torch-applied	(Optional) Polyflex, torch-applied	APP-TA	-362.5
R-74	Existing fully-adhered, granule-surfaced modified bitumen	PG100	(Optional) Polyflex, torch-applied	(Optional) Polyflex, torch-applied	APP-TA	-445.0
LOW RISE FOAM-APPLIED BASE PLY (MODIFLEECE):						
R-75	Existing, fully-adhered, smooth-surfaced asphaltic built-up roof (BUR)	None	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-212.5
R-76	Existing, fully-adhered, smooth-surfaced SBS modified bitumen	None	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-480.0
R-77	Existing, fully-adhered, granule-surfaced asphaltic built-up roof (BUR) or granule-surfaced modified bitumen	None	SBS-LRF-CR, SBS-LRF-M-PG or SBS-LRF-PG-ECO	(Optional) SBS-SA, APP-TA or SBS-TA	APP-SA, SBS-SA, APP-TA or SBS-TA	-480.0