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Certificate of Authorization #32455
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ENGINEER | EVALUATE | TEST | CONSULT

P.E. EVALUATION REPORT (PEER)

GAF
1 Campus Drive
Parsippany, NJ 07054
(800) 766-3411

PEER-GAF-008.B.R36
FL3443-R47 (HVHZ)
Date of Issuance: 12/19/2013
Revision 36: 08/07/2023

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

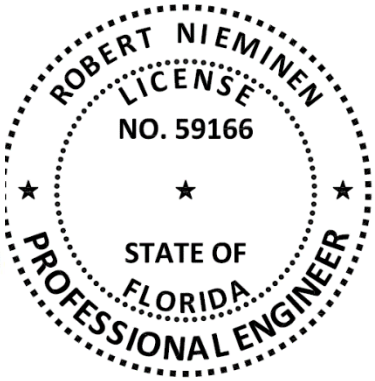
DESCRIPTION: GAF EverGuard PVC and PVC/KEE Roof Systems (HVHZ)

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: The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 5, plus a 170-page Appendix.

Prepared by: Digitally signed by Robert Nieminen
Date: 2023.08.07 '16:36:48 -04'00

This item has been digitally signed and sealed by Robert Nieminen, P.E.
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



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: Single Ply Roof Systems
Product Approval Method: Method 1, Option D: Codified Material, Evaluation by Engineer
Compliance Statement: GAF EverGuard PVC and PVC/KEE Roof Systems, as produced by **GAF**, 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	YEAR
TAS 110	Resistance to Foot Traffic	TAS 114, Section 8.9	2011
TAS 110	Wind resistance	TAS 114, Appendix C, D or J	2011
TAS 110	Susceptibility to Hail Damage	TAS 114, Appendix F	2011
TAS 110	Susceptibility to Leakage	TAS 114, Appendix G	2011
TAS 110	Material standard	ASTM D2178	2015
TAS 110	Material standard	ASTM D4601	2012
TAS 110	Material standard	ASTM D4897	2016
TAS 110	Material standard	ASTM D6163	2016
TAS 110	Material standard	ASTM D6164	2016
TAS 110	Material standard	ASTM D6222	2016
TAS 110	Physical Properties	ASTM D4434	2015

3. REFERENCES:

ENTITY	EXAM	REFERENCE	DATE	ENTITY	EXAM	REFERENCE	DATE
NEMO (TST6049)	ASTM D4434 (UT)	4S-GAF-18-003.12.18-1	12/04/18				
NEMO (TST6049)	ASTM D4434 (UT)	4S-GAF-18-003.12.18-2	12/04/18	FM (TST1867)	FM 4474	3061218 LTR	05/16/17
NEMO (TST6049)	ASTM D4434 (NJ)	4r-FMI-20-SSTHP-01.A	12/10/21	FM (TST1867)	FM 4474	RR209927	06/23/17
NEMO (TST6049)	Various PPT	4j-GAF-21-SSUDL-01.A-R2	12/16/21	FM (TST1867)	FM 4474	RR210305	07/13/17
NEMO (TST6049)	ASTM D4434 (NJ)	4r-FMI-20-SSTHP-01.B	08/01/22	FM (TST1867)	FM 4474	RR212730	04/05/18
NEMO	PEER	PEER-GAF-007.A&B	08/06/23	FM (TST1867)	FM 4474	3056933	07/19/18
ACRC (TST4671)	TAS 114	06-047	12/21/06	FM (TST1867)	FM 4474	PR449764	07/25/18
ACRC (TST4671)	TAS 114	07-001	01/12/07	FM (TST1867)	FM 4474	3061784	07/25/18
ACRC (TST4671)	TAS 114	07-002	01/12/07	FM (TST1867)	FM 4474	3055904	10/25/18
ACRC (TST4671)	TAS 114	07-007	01/19/07	FM (TST1867)	FM 4474	RR215191-267	11/07/18
ACRC (TST4671)	TAS 114	07-029	03/08/07	FM (TST1867)	FM 4474	RR215193-267	11/08/18
ACRC (TST4671)	TAS 114	07-031	05/09/07	FM (TST1867)	FM 4474	PR450261	10/22/19
ACRC (TST4671)	TAS 114	08-031	05/05/08	FM (TST1867)	FM 4470	PR452971-R1	01/28/20
ACRC (TST4671)	TAS 114	11-057	09/30/11	FM (TST1867)	FM 4474	PR453353	01/31/20
ACRC (TST4671)	TAS 114	11-058	10/03/11	FM (TST1867)	FM 4474	PR452423	02/06/20
ACRC (TST4671)	TAS 114	11-059	10/04/11	FM (TST1867)	FM 4474	PR455468	07/01/20
ACRC (TST4671)	TAS 114	11-060	10/05/11	FM (TST1867)	FM 4474	PR455417	12/23/20
ACRC (TST4671)	TAS 114	11-061	10/06/11	FM (TST1867)	FM 4474	RR227079	03/10/21
ACRC (TST4671)	TAS 114	11-062	10/07/11	FM (TST1867)	Traceability	PR459034	03/24/21
ACRC (TST4671)	TAS 114	11-063	10/08/11	FM (TST1867)	FM 4470	RR227768-267	04/09/21
ACRC (TST4671)	TAS 114	11-066	11/21/11	FM (TST1867)	FM 4474	PR457312	04/20/21
ACRC (TST4671)	TAS 114	12-005	04/09/12	FM (TST1867)	FM 4470	PR459831	04/21/21
ACRC (TST4671)	TAS 114	12-006	04/09/12	FM (TST1867)	FM 4474	PR456101	06/24/21
ACRC (TST4671)	TAS 114	12-007	04/10/12	FM (TST1867)	FM 4474	PR460786	08/30/21
ACRC (TST4671)	TAS 114	12-009	04/20/12	FM (TST1867)	FM 4474	PR460560	09/22/21
ACRC (TST4671)	TAS 114	12-010	04/20/12	FM (TST1867)	FM 4474	PR461047	10/25/21
ACRC (TST4671)	TAS 114	12-011	04/20/12	FM (TST1867)	FM 4474	RR232145-267	03/21/22
ACRC (TST4671)	TAS 114	12-021	04/26/12	FM (TST1867)	FM 4474	PR450629	04/13/22
ACRC (TST4671)	TAS 114	12-022	04/26/12	FM (TST1867)	FM 4474	RR232513-267	04/22/22
ACRC (TST4671)	TAS 114	12-017	05/07/12	FM (TST1867)	FM 4474	PR460889	08/01/22
ACRC (TST4671)	TAS 114	12-020	05/08/12	FM (TST1867)	FM 4474	PR460126	09/20/22
ACRC (TST4671)	TAS 114	12-027	05/22/12	FM (TST1867)	FM 4474	PR463035	11/10/22
ACRC (TST4671)	TAS 114	12-028	05/22/12	FM (TST1867)	FM 4474	PR461460	11/15/22
ACRC (TST4671)	TAS 114	12-032	08/23/12	FM (TST1867)	FM 4474	RR235368-267	12/19/22
ACRC (TST4671)	TAS 114	11-015-R1	08/29/12	FM (TST1867)	FM 4474	PR464081	02/20/23

Entity	Exam	Reference	Date
ACRC (TST4671)	TAS 114	11-018-R1	08/29/12
ACRC (TST4671)	TAS 114	11-022-R1	08/29/12
ACRC (TST4671)	TAS 114	16-002	03/04/16
ACRC (TST4671)	TAS 114	21-014	08/16/21
ACRC (TST4671)	TAS 114	21-018	08/17/21
ACRC (TST4671)	TAS 114	23-012	06/16/23
ATI (TST1558)	TAS 114	H-3320.01-109-44	08/10/17
ATI (TST1558)	TAS 114	H-3314.01-109-44	08/14/17
ATI (TST1558)	TAS 114	H-3315.01-109-44	08/14/17
ATI (TST1558)	TAS 114	H-3317.01-109-44	08/14/17
ATI (TST1558)	TAS 114	H-3318.01-109-44	08/14/17
ATI (TST1558)	TAS 114	H8498.01-109-18	03/27/18
ATI (TST1558)	TAS 114	H7234.01-109-18	05/01/18
ERD (TST6049)	TAS 114	P6860.06.07-R1	09/10/09
ERD (TST6049)	TAS 114	02762.03.05-R2	04/01/10
ERD (TST6049)	TAS 114	GAF-SC8580.14	03/25/15
ERD (TST6049)	TAS 114	GAF-SC8580.14	07/20/15
ERD (TST6049)	TAS 114	GAF-SC16825.12.17-1	12/31/17
FET (TST7393)	TAS 114	08-050182	06/26/08
FM (TST1867)	FM 4470	3003956	02/18/00
FM (TST1867)	FM 4470	3003955	03/05/02
FM (TST1867)	FM 4470	3014692	08/05/03
FM (TST1867)	FM 4474	3024709	10/21/05
FM (TST1867)	FM 4474	3023368	03/20/06
FM (TST1867)	FM 4474	3028606	02/23/07
FM (TST1867)	FM 4474	3026964	07/25/07
FM (TST1867)	FM 4474	3031127	10/01/07
FM (TST1867)	FM 4474	3033126	07/11/08
FM (TST1867)	FM 4474	3034394	02/27/09
FM (TST1867)	FM 4470	3037525	09/25/09
FM (TST1867)	FM 4474	3037879	02/04/10
FM (TST1867)	FM 4470	3040234	02/23/11
FM (TST1867)	FM 4474	3041746	08/17/11
FM (TST1867)	FM 4474	797-07043-267	01/16/12
FM (TST1867)	FM 4474	3044862	05/11/12
FM (TST1867)	FM 4474	3044914	06/18/12
FM (TST1867)	FM 4474	3045789	07/12/12
FM (TST1867)	FM 4474	3046328	09/13/12
FM (TST1867)	FM 4474	3041769	09/27/12
FM (TST1867)	FM 4474	3046403	09/28/12
FM (TST1867)	FM 4474	797-07886-267	11/21/12
FM (TST1867)	FM 4474	797-07849-267	12/03/12
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FM (TST1867)	FM 4474	3048122	04/29/13
FM (TST1867)	FM 4474	797-08217-267	05/01/13
FM (TST1867)	FM 4474	3047237	07/15/13
FM (TST1867)	FM 4474	3047636	08/08/13
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FM (TST1867)	FM 4474	3048066	12/13/13
FM (TST1867)	FM 4474	797-09116-267	01/24/14
FM (TST1867)	FM 4474	797-09495-267	05/27/14
FM (TST1867)	FM 4474	797-09594-267	06/24/14
FM (TST1867)	FM 4474	797-09892-267	08/12/14
FM (TST1867)	FM 4474	3054498	11/30/15
FM (TST1867)	FM 4474	RR205474	08/31/16
FM (TST1867)	FM 4474	RR206353	09/07/16
FM (TST1867)	FM 4474	3056728	11/09/16
FM (TST1867)	FM 4474	3056822	11/14/16
FM (TST1867)	FM 4474	3055491	12/05/16
FM (TST1867)	FM 4474	3058483	12/09/16
FM (TST1867)	FM 4474	RR208456	02/13/17
FM (TST1867)	FM 4474	3061218	05/10/17
FM (TST1867)	FM 4474	RR236601-267	03/30/23
IRT (TST5296)	TAS 114	04-006	02/16/04
NEMO (TST6049)	TAS 114	4L-CEL-18-001.12.18-2	07/10/19
PRI (TST5878)	TAS 114	GAF-462-02-01	11/15/13
PRI (TST5878)	TAS 114	GAF-462-02-02	11/18/13
PRI (TST5878)	TAS 114	GAF-462-02-03	11/18/13
PRI (TST5878)	TAS 114	GAF-462-02-04	11/18/13
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PRI (TST5878)	TAS 114	GAF-457-02-04	01/24/14
PRI (TST5878)	TAS 114	GAF-457-02-06	01/24/14
PRI (TST5878)	TAS 114	GAF-457-02-07	01/24/14
PRI (TST5878)	TAS 114	GAF-457-02-08	01/24/14
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PRI (TST5878)	TAS 114	GAF-515-02-01	05/13/14
PRI (TST5878)	TAS 114	GAF-515-02-03	05/13/14
PRI (TST5878)	TAS 114	GAF-516-02-03	05/13/14
PRI (TST5878)	TAS 114	GAF-525-02-02	06/23/14
PRI (TST5878)	TAS 114	GAF-525-02-03	06/23/14
PRI (TST5878)	TAS 114	GAF-462-02-07	07/01/14
PRI (TST5878)	TAS 114	GAF-462-02-08	07/01/14
PRI (TST5878)	TAS 114	GAF-462-02-09	07/01/14
PRI (TST5878)	TAS 114	GAF-462-02-10	07/01/14
PRI (TST5878)	TAS 114	GAF-462-02-11	07/01/14
PRI (TST5878)	TAS 114	GAF-538-02-03	08/13/14
PRI (TST5878)	TAS 114	GAF-653-02-01	11/11/16
PRI (TST5878)	TAS 114	GAF-653-02-04	11/11/16
PRI (TST5878)	TAS 114	GAF-746-02-01	12/14/16
PRI (TST5878)	TAS 114	GAF-746-02-02	12/14/16
PRI (TST5878)	TAS 114	GAF-746-02-05	12/14/16
PRI (TST5878)	TAS 114	GAF-746-02-06	12/14/16
PRI (TST5878)	TAS 114	GAF-755-02-01	02/02/17
PRI (TST5878)	TAS 114	GAF-755-02-02	02/02/17
PRI (TST5878)	TAS 114	GAF-755-02-03	02/02/17
PRI (TST5878)	TAS 114	GAF-755-02-04	02/02/17
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PRI (TST5878)	TAS 114	GAF-782-02-02	08/30/17
PRI (TST5878)	TAS 114	GAF-776-02-02	10/04/17
PRI (TST5878)	Criticality	GAF-793-02-01	12/08/17
PRI (TST5878)	TAS 114	GAF-793-02-02	12/08/17
PRI (TST5878)	TAS 114	GAF-793-02-04	12/08/17
PRI (TST5878)	TAS 114	GAF-834-02-01	02/28/18
PRI (TST5878)	TAS 114	GAF-833-02-01	03/02/18
PRI (TST5878)	TAS 114	GAF-833-02-02	03/02/18
PRI (TST5878)	TAS 114	GAF-902-02-02	02/27/19
PRI (TST5878)	TAS 114	GAF-926-02-01	07/17/19
PRI (TST5878)	TAS 114	376T0016	08/09/19
PRI (TST5878)	Criticality	376T0006-1	09/06/19
PRI (TST5878)	Criticality	376T0006-2	09/06/19
PRI (TST5878)	Criticality	376T0006-3	09/06/19
PRI (TST5878)	TAS 114	376T0025	09/06/19
PRI (TST5878)	TAS 114	376T0026	09/06/19
PRI (TST5878)	TAS 114	376T0043	12/04/19
PRI (TST5878)	TAS 114	376T0167	06/07/21
PRI (TST5878)	Criticality	376T0168	06/07/21
PRI (TST5878)	TAS 114	376T0183	09/13/21
PRI (TST5878)	TAS 114	376T0186	09/13/21
PRI (TST5878)	TAS 114	410T0026	12/15/21
PRI (TST5878)	TAS 114	376T0313	07/19/22
PRI (TST5878)	TAS 114	376T0314	07/19/22
UL (QUA9625)	QC	Service Confirmation	07/12/22
UL (QUA9625)	QC	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

This PEER covers **GAF EverGuard PVC and PVC/KEE Roof Systems** installed in accordance with **GAF** published installation instructions and the Limitations of Use herein.

TABLE 1: EVALUATED MEMBRANES

TYPE	PRODUCT		MATERIAL STANDARD			PLANT(S)
			REFERENCE	TYPE	GRADE	
ROOF COVER OR CAP PLY	EverGuard® PVC	50, 60, 80-mil	ASTM D4434	III	N/A	UT
	EverGuard® PVC Smooth	50, 60, 80-mil	ASTM D4434	III	N/A	NJ
	EverGuard® PVC KEE	50, 60, 80-mil	ASTM D4434	III	N/A	UT
	EverGuard® PVC XK	50, 60, 80-mil	ASTM D4434	III	N/A	NJ
	EverGuard® PVC Fleeceback	50, 60, 80-mil	ASTM D4434	III	N/A	UT
	EverGuard® PVC KEE Fleeceback	50, 60, 80-mil	ASTM D4434	III	N/A	UT
	EverGuard® PVC XK Fleeceback	60, 80-mil	ASTM D4434	III	N/A	NJ
BASE SHEETS	GAFGLAS® #75 Base Sheet		ASTM D4601	II	N/A	CA-F, AL, GA
	Tri-Ply® #75 Base Sheet		ASTM D4601	II	N/A	CA-F, AL, GA
	GAFGLAS® #80 Ultima™ Base Sheet		ASTM D4601	II	N/A	AL, GA
	GAFGLAS® Stratavent® Nailable Venting Base Sheet		ASTM D4897	II	N/A	AL, GA
BASE PLY OR VAPOR BARRIER MEMBRANES	GAFGLAS® Ply 4		ASTM D2178	IV	N/A	CA-F, GA
	GAFGLAS® Ply 4 M		ASTM D2178	IV	N/A	AL
	GAFGLAS® FlexPly™ 6		ASTM D2178	VI	N/A	GA
	GAFGLAS® FlexPly™ 6 M		ASTM D2178	VI	N/A	AL
	Ruberoid® 20 Smooth		ASTM D6163	I	S	AR
	Ruberoid® HW 25 Smooth		ASTM D6163	I	S	GA
	Ruberoid® 30 Granule		ASTM D6163	I	G	GA
	Ruberoid® HW Smooth		ASTM D6164	I	S	GA
	Ruberoid® Mop Smooth		ASTM D6164	I	S	GA
	Ruberoid® Mop Smooth 1.5		ASTM D6164	I	S	GA
	Liberty™ SBS Self-Adhering Cap Sheet		ASTM D6164	I	G	AR, GA, IN
	Ruberoid® Torch Smooth		ASTM D6222	I	S	CA-S, GA, IN
	Ruberoid® Torch Granule		ASTM D6222	I	G	CA-S, GA, IN

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, 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**.

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.

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:

GAF EverGuard PVC and PVC/KEE Roof Systems shall be installed in accordance with **GAF** 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, LLC – QUA9625: (360) 817-5512; bsai.inspections@ul.com

- THE 170-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	7
1B	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	7
1C	Wood	New, Reroof (Tear-Off) or Recover	C-2	Induction Welded Roof Cover	8
1D	Wood	New, Reroof (Tear-Off) or Recover	D-1	Mechanically Attached Roof Cover	9
1E	Wood	New or Reroof (Tear Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	9
2A	Steel	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	10
2B	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	10
2C	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Base Ply, Bonded Cap Ply	30
2D	Steel	New, Reroof (Tear-Off) or Recover	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	35
2E	Steel	New, Reroof (Tear-Off) or Recover	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Base Ply, Bonded Cap Ply	47
2F	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	49
2G	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Base Ply, Bonded Cap Ply	73
2H	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1A	Thermal Barrier with Vapor Barrier, Mechanically Attached Insulation, Bonded Roof Cover	77
2I	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	81
2J	Steel	New, Reroof (Tear-Off) or Recover	D-1	Mechanically Attached Roof Cover	83
3A	Structural concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	84
3B	Structural concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Base Ply, Bonded Cap Ply	107
3C	Structural concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	113
4A	Deck with Lightweight Concrete	New or Reroof (Tear Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	114
4B	Deck with Lightweight Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	115
4C	Deck with Lightweight Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	117
5A	Cementitious wood fiber	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	120
5B	Cementitious wood fiber	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	121
6A	Existing gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	122
6B	Existing gypsum	Reroof (Tear-Off)	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	123
6C	Existing gypsum	Reroof (Tear-Off)	C-1	Mechanically Attached Insulation, Bonded Roof Cover	131
6D	Existing gypsum	Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	133
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	134
7B	Steel	Recover	C-2	Induction Welded Roof Cover	168
7C	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover	169
7D	Various	Recover	F	Non-Insulated, Bonded Roof Cover	169
8A/8B	Guidance / Limitations for use of Hilti fasteners in Type B steel deck securement beneath GAF roof systems				170

The following notes apply to the systems outlined herein:

1 The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC HVHZ requirements to the satisfaction of the Authority Having Jurisdiction. Deck-attachment details pertain to 'as-tested' conditions under Testing Application Standard TAS 114, Appendix J. Tables 8A and 8B provide guidance / limitations associated with use of fasteners from Hilti, Inc. to secure steel decking to structural members.

2 Unless otherwise noted, fasteners and stress plates shall be as follows. Fasteners shall be of sufficient length for the following engagements:

FASTENER/PLATE OPTIONS			
DECK TYPE	**BY**	**PARTS**	**MINIMUM ENGAGEMENT**
WOOD	GAF	Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec ASAP 3S; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate; Drill-Tec 3" ASAP Flat or Drill-Tec 3" ASAP Recessed	Minimum ¾-inch plywood penetration or minimum 1-inch wood plank embedment
STEEL	GAF	Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate or Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec ASAP 3S; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate; Drill-Tec Extra Heavy Duty ASAP Roofing Fastener – Insulation; ; Drill-Tec 3" ASAP Flat or Drill-Tec 3" ASAP Recessed	Minimum ¾-inch steel penetration and engage the top flute of the steel deck
	Note:	Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to steel deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.	
	Note:	Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation, 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to steel deck.	
STRUCTURAL CONCRETE	GAF	Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener or Drill-Tec CD-10 with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate or Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate or Drill-Tec 3" ASAP Flat (#14 only)	Minimum 1.25-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions
	Note:	Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to structural concrete deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.	
	Note:	Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation, 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to structural concrete deck.	

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 and plates 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.

INSULATION ADHESIVE REFERENCES				
BY	ADHESIVE	REFERENCE	FBC FILE OR NOA	MINIMUM RATE
GAF	GAF LRF Adhesive M	'LRF-M'	N/A	Continuous 0.75 to 1-inch ribbons, 12-inch o.c.
	GAF LRF Adhesive M Canister	'LRF-M Canister'	N/A	Continuous 1 to 1.5-inch ribbons, 12-inch o.c.
	GAF LRF Adhesive XF	'LRF-XF'	N/A	Continuous 0.75 to 1-inch ribbons, 12-inch o.c.
OMG, Inc.	OlyBond 500 Adhesive Fastener	'OB500'	22-0519.04	Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister)
Generic, ASTM D312, Type IV	hot asphalt	N/A	N/A	Full coverage at 25-30 lbs/square

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

MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS				
ADHESIVE	INSULATION		MIN. TAPERED THICKNESS (IN)	MDP (PSF)
	LISTED PRODUCT	FBC FILE OR NOA		
LRF-M	EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	22-1202.06	0.5	-232.5
LRF-XF	EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	22-1202.06	0.5	-292.5
LRF-XF	EnergyGuard RA	23-0130.03	0.5	-487.5
OB500	EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	22-1202.06	0.5	-292.5
OB500	EnergyGuard RH	19-1017.09	0.5	-315.0
OB500	EnergyGuard RN	18-1126.10	0.5	-315.0
OB500	EnergyGuard RA	23-0130.03	0.5	-487.5
Hot asphalt	Any EnergyGuard polyisocyanurate listed with adhesive herein	Various	0.5	-240.0

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 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, 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.

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. 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. For "pre-existent" LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.

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

Membrane / Adhesive Combinations				
Reference	**Membrane**	**Adhesive**	**Application**	**Rate**
PVC1-BA	EverGuard PVC Smooth or EverGuard PVC XK	EverGuard #2331 Bonding Adhesive (#2331)	Contact (both sides)	1.67 to 1.80 gal/square (½ applied to substrate and ½ applied to membrane)
PVC2-BA	EverGuard PVC or EverGuard PVC KEE			
PVC2-QL	EverGuard PVC	EverGuard PVC Quick Lay Adhesive	Wet lay (substrate)	1 gal/square
PVC1-QS	EverGuard PVC XK	PVC Quick Spray Adhesive	Contact (both sides)	3.0 lbs/square to both the substrate and to the membrane underside, and immediately rolled in. (6.0 lbs/square total rate)
PVC2-QS	Everguard PVC			
PVCX-HA	EverGuard PVC XK Fleeceback	hot asphalt	Wet lay (substrate)	25 lbs/square
PVCF-HA	EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback			
PVCX-WB	EverGuard PVC XK Fleeceback	EverGuard WB181 Bonding Adhesive (WB181)	Wet lay (substrate)	0.83 to 1.0 gal/square
PVCF-WB	EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback			
PVCX-LM	EverGuard PVC XK Fleeceback	GAF LRF Adhesive M (LRF-M)	Wet lay (substrate)	1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick.
PVCF-LM	EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback			
PVCX-LO	EverGuard PVC XK Fleeceback	GAF LRF Adhesive O (LRF-O)	Wet lay (substrate)	1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick.
PVCF-LO	EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback			
PVCF-XF	EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback	GAF LRF Adhesive XF (LRF-XF)	Wet lay (substrate)	"Spatter pattern" at 3.0 lbs/sq.
PVCX-OB	EverGuard PVC XK Fleeceback	OlyBond 500 Canister	Wet lay (substrate)	"Spatter pattern" at 0.32 gal/square (to insulation, coverboard or Tectum) "Spatter pattern" at 0.83 gal/square (to asphaltic base ply membrane).
PVCF-OB	EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback			
BP-AA	One or two plies, GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet	Hot asphalt		25 lbs/square
SBS-AA	One or two plies, Ruberoid 20 Smooth, Ruberoid Mop Smooth or Ruberoid Mop Smooth 1.5	Hot asphalt		25 lbs/square
SBS-SA	LIBERTY SBS Self-Adhering Cap Sheet	Self-adhering		Full bond
SBS-TA	One or two plies, Ruberoid HW 25 Smooth, Ruberoid HW Smooth	Torch-applied		Full bond

15A For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes.

15B For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates.

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

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

Structural Concrete Deck: Vapor Barrier Followed by Adhesive-Applied Insulation					
Option #	Primer	Vapor Barrier (Note 15)		Insulation Adhesive per Table 3A or 3B	MDP (psf)
		Type	Application		
C-VB-1.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid Torch Granule	Torch-applied	Hot asphalt	-225.0
C-VB-2.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	BP-AA	Hot asphalt applied	Hot asphalt	-360.0
C-VB-3.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	One or two plies, GAFGLAS Ply 4, GAFGLAS Ply 4 M, Tri-Ply Ply 4 Ply Sheet, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA	Hot asphalt applied	Hot asphalt	-495.0
C-VB-4.	None	GAF SA Vapor Retarder XL	Self-adhering	LRF-M, 12-inch o.c.	-112.5
C-VB-5.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	SBS-TA	Torch-applied	LRF-M, 12-inch o.c.	-180.0
C-VB-6.	GAF SA Primer	GAF SA Vapor Retarder	Self-adhering	LRF-M, 12-inch o.c.	-202.5
C-VB-7.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA	Hot asphalt applied	LRF-M, 12-inch o.c.	-495.0
C-VB-8.	None	GAF SA Vapor Retarder XL	Self-adhering	LRF-XF 12-inch o.c.	-112.5
C-VB-9.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid Torch Granule	Torch-applied	LRF-XF, 12-inch o.c.	-169.0
C-VB-10.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	SBS-TA	Torch-applied	LRF-XF, 12-inch o.c.	-180.0
C-VB-11.	GAF SA Primer	GAF SA Vapor Retarder	Self-adhering	LRF-XF, 12-inch o.c.	-202.5
C-VB-12.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	SBS-SA	Self-adhering	LRF-XF, 12-inch o.c.	-250.0
C-VB-13.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA	Hot asphalt applied	LRF-XF, 12-inch o.c.	-262.5
C-VB-14.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid 30	Hot asphalt applied	LRF-XF, 12-inch o.c.	-270.0
C-VB-15.	None	GAF SA Vapor Retarder XL	Self-adhering	OlyBond 500, 12-inch o.c.	-127.5
C-VB-16.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid Torch Smooth	Torch-applied	OB500, 12-inch o.c.	-165.0
C-VB-17.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid HW 25 Smooth	Torch-applied	OB500, 12-inch o.c.	-180.0
C-VB-18.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	SBS-SA	Self-adhering	OB500, 12-inch o.c.	-187.5
C-VB-19.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid 20 Smooth	Matrix 102 SBS Membrane Adhesive at 1.5 gal/square	OB500, 12-inch o.c.	-202.5
C-VB-20.	GAF SA Primer	GAF SA Vapor Retarder	Self-adhering	OB500, 12-inch o.c.	-202.5
C-VB-21.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid Torch Granule	Torch-applied	OB500, 12-inch o.c.	-225.0
C-VB-22.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid HW Smooth	Torch-applied	OB500, 12-inch o.c.	-232.5
C-VB-23.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA	Hot asphalt applied	OB500, 12-inch o.c.	-352.5

16B Decks followed by Vapor Barrier followed by Lightweight Concrete (LWC): The lesser of the MDP listings below vs. that for the selected assembly from the Lightweight Concrete tables applies:

DECK FOLLOWED BY VAPOR BARRIER FOLLOWED BY CELLULAR LIGHTWEIGHT INSULATING CONCRETE					
OPTION #	PRIMER	VAPOR BARRIER		LIGHTWEIGHT CONCRETE PER TABLE 4A OR 4C (NOTE 14)	MDP (PSF)
		TYPE	ATTACH		
LWC-VB-1.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR	Torch-applied	Min. 200 psi Mearlcrete (NOA 19-0729.03)	-82.5
LWC-VB-2.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR	Torch-applied	Min. 300 psi Celcore Cellular Concrete (NOA 18-0717.05)	-135.0
LWC-VB-3.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR	Torch-applied	Min. 300 psi Elastizell (NOA 18-0208.03)	-302.5
LWC-VB-4.	Matrix 307 Premium Asphalt Primer or ASTM D41 primer	Ruberoid HW 25 Smooth, Ruberoid HW Smooth	Torch-applied	Min. 540 psi pre-existent cellular LWC	-358.0

17 Fire barriers of GAF FireOut™ Fire Barrier Coating or VersaShield Solo™ Fire-Resistant Slip Sheet are optional in all assemblies when overlying components are mechanically fastened.

18 For System Types B-1, B-2, C-1, C-2, D-1 or D-2, GAF SA Vapor Retarder or GAF SA Vapor Retarder XL may be installed atop the roof deck, or to a loose-laid thermal barrier of DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, prior to installation of the insulation and roof cover. When adhering GAF SA Vapor Retarder to structural concrete, the substrate shall be primed with GAF SA Primer, TPO QSA or TPO QSA LV50. When adhering GAF SA Vapor Retarder to DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, the substrate shall be primed with GAF SA Primer, TPO QSA, TPO QSA LV50 or Matrix 307 Premium Asphalt Primer. Refer to FM Loss Prevention Data Sheet 1-29 for design and installation limitations.

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

ACCEPTABLE ALTERNATES				
SUB-CATEGORY	MANUFACTURER	FBC FILE OR NOA	LISTED PRODUCT HEREIN	ALTERNATE
ROOFING INSULATION	GAF	22-1202.06	EnergyGuard Polyiso Insulation	EnergyGuard NH Polyiso Insulation
			EnergyGuard Ultra Polyiso Insulation	EnergyGuard NH Ultra Polyiso Insulation
			EnergyGuard HD Polyiso Cover Board	EnergyGuard HD Barrier Polyiso Cover Board, EnergyGuard NH HD Polyiso Cover Board
			EnergyGuard HD Plus Polyiso Cover Board	EnergyGuard NH HD Plus Polyiso Cover Board
	Georgia-Pacific Gypsum, LLC	21-1229.05	DensDeck Prime	DensDeck StormX Prime Roof Board
VAPOR BARRIER	GAF	N/A	GAF SA Vapor Retarder XL	GAF SA Vapor Retarder XL40

20 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC (HVHZ) 1620 and Roofing Application Standard RAS 128 for determination of design wind loads. (Notes 9 and 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	Type	Attach (Notes 6,7,8)		
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:								
W-1.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6" o.c.	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2 (#14 only)	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVC1-BA	-52.5
EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:								
W-2.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6" o.c.	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2 (#14 only)	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCX-OB	-52.5

TABLE 1B: 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 Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Cap Ply	
BAREBACK APPLICATIONS:								
W-3.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.8 ft²	None	PVC1-BA	-52.5
W-4.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.8 ft²	None	PVC1-BA	-52.5
W-5.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	None	PVC1-BA	-60.0
W-6.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.6 ft²	None	PVC1-BA	-60.0
EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:								
W-7.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.8 ft²	None	PVCX-OB	-52.5
W-8.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.8 ft²	None	PVCX-OB	-52.5
W-9.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	None	PVCX-OB	-60.0

TABLE 1B: 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 Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Attach	Base Ply	Cap Ply	
W-10.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.6 ft²	None	PVCX-OB	-60.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:								
W-11.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.8 ft²	None	PVCF-XF or PVCF-OB	-52.5
W-12.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.8 ft²	None	PVCF-XF or PVCF-OB	-52.5
W-13.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	None	PVCF-XF or PVCF-OB	-60.0
W-14.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.6 ft²	None	PVCF-XF or PVCF-OB	-60.0
W-15.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	SBS-AA, SBS-SA or SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0

TABLE 1C: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attachment		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
W-16.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6-inch o.c. at edges and intermediate supports	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec #14 Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	1 per 2.7 ft² (12 parts per 4 x 8 ft board) Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge.	EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions.	-52.5
W-17.	Min. 15/32-inch APA rated plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6-inch o.c. at edges and intermediate supports	(Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)	Drill-Tec #15 XHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	24 x 32-inch grid	EverGuard PVC induction welded per manufacturer's published instructions.	-60.0

TABLE 1C: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER						
System No.	Deck (Note 1)	Insulation Layer (Note 13)	Attachment		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
W-18.	Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span; 8d ring shank nails, 6" o.c. at edges and 12" o.c. at intermediate supports.	(Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)	Drill-Tec #14 (min. 1-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports	18-inch o.c. along wood supports, 24-inch o.c.	EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions.	-82.5
W-19.	Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span; 8d ring shank nails, 3" o.c.	(Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)	Drill-Tec #14 (min. 1-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports	9-inch o.c. along wood supports, 24-inch o.c.	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-90.0
W-20.	Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span; 8d ring shank nails, 3" o.c.	One or more layers, any combination, min. 1-inch (Tread Safe = min. 2-inch thick insulation)	Drill-Tec #14 (min. 1.4-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports	9-inch o.c. along wood supports, 24-inch o.c.	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-105.0

TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER								
System No.	Deck (Note 1)	Insulation (Note 13)		Separator Sheet (Optional)	Roof Cover			MDP (psf)
		Type	Attach (Note 5)		Membrane	Fastener (Note 11)	Attachment	
W-21.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 4-inch o.c. at edges and intermediate supports	One or more layers, any combination, min. 0.5-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC XK or PVC Smooth	Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate	8-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 1.5-inch heat weld.	-45.0
W-22.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 4-inch o.c. at edges and intermediate supports	One or more layers, any combination, min. 0.5-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC XK or PVC Smooth	Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate	6-inch o.c. within 5-inch wide laps spaced 76-inch o.c. and sealed with a 1.5-inch heat weld.	-45.0

TABLE 1E: WOOD DECKS – NEW CONSTRUCTION OR 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)
		Base	Fasteners (Note 11)	Attach	Base Ply	Cap Ply	
W-23.	Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 3" o.c.	GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	4-inch o.c. at min. 2-inch laps and 4-inch o.c. at four (4), equally spaced, staggered center rows	SBS-AA or SBS-TA	PVCF-HA or PVCF-XF	-97.5

TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach		
S-1.	Min. 22 ga., type B, Grade 40 steel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M or OB500, 6-inch o.c.	None	N/A	PVC2-QL	-90.0
S-2.	Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M or OB500, 6-inch o.c.	None	N/A	PVC1-QS or PVC2-QS	-90.0
S-3.	Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M or OB500, 6-inch o.c.	None	N/A	PVC1-BA	-120.0*
S-4.	Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M or OB500, 6-inch o.c.	None	N/A	PVC2-BA	-120.0*
S-5.	Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M or OB500, 6-inch o.c.	None	N/A	PVCF-WB	-120.0*
S-6.	Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M or OB500, 6-inch o.c.	None	N/A	PVCF-OB	-120.0*

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	Type	Attach (Notes 6,7,8)		
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:								
S-7.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Additional layers of base insulation	Hot asphalt	PVC1-BA	-45.0*
S-8.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	Additional layers of base insulation	Hot asphalt	PVC1-BA	-45.0*
S-9.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-M or OB500	PVC1-BA	-45.0*
S-10.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVC1-BA	-45.0*
S-11.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-M or OB500	PVC1-BA	-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	Type	Attach (Notes 6,7,8)		
S-12.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC1-BA	-45.0*
S-13.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC1-BA	-45.0*
S-14.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC1-BA	-45.0*
S-15.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC1-BA	-52.5
S-16.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-XF	PVC1-BA	-45.0*
S-17.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-XF	PVC1-BA	-45.0*
S-18.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-XF	PVC1-BA	-45.0*
S-19.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC1-BA	-45.0*
S-20.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC1-BA	-45.0*
S-21.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC1-BA	-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	Type	Attach (Notes 6,7,8)		
S-22.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC1-BA	-52.5
S-23.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.25-inch thick DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-45.0*
S-24.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-45.0*
S-25.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch DensDeck	Note 2	1 per 2.0 ft²	One or more layers, min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	PVC1-BA	-45.0*
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:								
S-26.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	Note 2	1 per 2.0 ft²	Additional layers of base insulation	Hot asphalt	PVC2-BA	-45.0*
S-27.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA or EnergyGuard RN	Note 2	1 per 4.0 ft²	Additional layers of base insulation	Hot asphalt	PVC2-BA	-45.0*
S-28.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers of base insulation	OB500	PVC2-BA	-45.0*
S-29.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch DensDeck	Note 2	1 per 2.0 ft²	One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	PVC2-BA	-45.0*
S-30.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-45.0*
S-31.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-45.0*
S-32.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	OB500	PVC2-BA	-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	Type	Attach (Notes 6,7,8)		
S-33.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	OB500	PVC2-BA	-45.0*
S-34.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC2-BA	-45.0*
S-35.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC2-BA	-45.0*
S-36.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	LRF-M or OB500	PVC2-BA	-45.0*
S-37.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	LRF-M or OB500	PVC2-BA	-45.0*
S-38.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVC2-BA	-45.0*
S-39.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVC2-BA	-45.0*
S-40.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC2-BA	-52.5
S-41.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.6 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-60.0
S-42.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-60.0

TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-43.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	LRF-M or OB500	PVC2-BA	-45.0*
S-44.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	LRF-M or OB500	PVC2-BA	-45.0*
S-45.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-BA	-60.0
S-46.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers of base insulation	LRF-XF	PVC2-BA	-45.0*
S-47.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-45.0*
S-48.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 4.0 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-45.0*
S-49.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-45.0*
S-50.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-45.0*
S-51.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVC2-BA	-45.0*
S-52.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVC2-BA	-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	Type	Attach (Notes 6,7,8)		
S-53.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-52.5
S-54.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 1.6 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-60.0
S-55.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-60.0
S-56.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 3.2 ft²	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	PVC2-BA	-45.0*
S-57.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	PVC2-BA	-45.0*
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:								
S-58.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA	Note 2	1 per 2.0 ft²	Additional layers of base insulation	hot asphalt	PVC2-QL	-45.0*
S-59.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA	Note 2	1 per 4.0 ft²	Additional layers of base insulation	hot asphalt	PVC2-QL	-45.0*
S-60.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers of base insulation	OB500	PVC2-QL	-45.0*
S-61.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch DensDeck	Note 2	1 per 2.0 ft²	One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	PVC2-QL	-45.0*
S-62.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-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	Type	Attach (Notes 6,7,8)		
S-63.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-45.0*
S-64.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC2-QL	-45.0*
S-65.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC2-QL	-45.0*
S-66.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVC2-QL	-45.0*
S-67.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVC2-QL	-45.0*
S-68.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVC2-QL	-52.5
S-69.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.6 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-60.0
S-70.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-60.0
S-71.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-QL	-60.0

TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
S-72.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers of base insulation	LRF-XF	PVC2-QL	-45.0*
S-73.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-45.0*
S-74.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 4.0 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-45.0*
S-75.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-45.0*
S-76.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-45.0*
S-77.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVC2-QL	-45.0*
S-78.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVC2-QL	-45.0*
S-79.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-52.5
S-80.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 1.6 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-60.0
S-81.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-60.0

TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)		
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:								
S-82.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA	Note 2	1 per 2.0 ft²	Additional layers of base insulation	hot asphalt	PVC1-QS or PVC2-QS	-45.0*
S-83.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA	Note 2	1 per 4.0 ft²	Additional layers of base insulation	hot asphalt	PVC1-QS or PVC2-QS	-45.0*
S-84.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers of base insulation	OB500	PVC1-QS or PVC2-QS	-45.0*
S-85.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch DensDeck	Note 2	1 per 2.0 ft²	One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation	OB500	PVC1-QS or PVC2-QS	-45.0*
S-86.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-45.0*
S-87.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-45.0*
S-88.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M or OB500	PVC1-QS or PVC2-QS	-45.0*
S-89.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M or OB500	PVC1-QS or PVC2-QS	-45.0*
S-90.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVC1-QS or PVC2-QS	-45.0*
S-91.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVC1-QS or PVC2-QS	-45.0*
S-92.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers of base insulation	LRF-XF	PVC1-QS or PVC2-QS	-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	Type	Attach (Notes 6,7,8)		
S-93.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch DensDeck Prime	LRF-XF	PVC1-QS or PVC2-QS	-45.0*
S-94.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA or EnergyGuard RH	Note 2	1 per 4.0 ft²	Min. 0.25-inch DensDeck Prime	LRF-XF	PVC1-QS or PVC2-QS	-45.0*
S-95.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-XF	PVC1-QS or PVC2-QS	-45.0*
S-96.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-XF	PVC1-QS or PVC2-QS	-45.0*
S-97.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVC1-QS or PVC2-QS	-45.0*
S-98.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVC1-QS or PVC2-QS	-45.0*
EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:								
S-99.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-M or OB500	PVCX-WB	-45.0*
S-100.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVCX-WB	-45.0*
S-101.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-M or OB500	PVCX-WB	-45.0*
S-102.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-WB	-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	Type	Attach (Notes 6,7,8)		
S-103.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-WB	-45.0*
S-104.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-WB	-45.0*
S-105.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-XF	PVCX-WB	-45.0*
S-106.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-XF	PVCX-WB	-45.0*
S-107.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional layers, min. 1.5-inch base insulation	LRF-XF	PVCX-WB	-45.0*
S-108.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-WB	-45.0*
S-109.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-WB	-45.0*
S-110.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-WB	-45.0*
S-111.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-WB	-45.0*
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:								
S-112.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M	PVCF-WB	-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	Type	Attach (Notes 6,7,8)		
S-113.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-M	PVCF-WB	-45.0*
S-114.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB	-45.0*
S-115.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB	-45.0*
S-116.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB	-60.0
S-117.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVCF-WB	-45.0*
S-118.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	LRF-XF	PVCF-WB	-45.0*
S-119.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-WB	-60.0
S-120.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layers, min. 0.5-inch base insulation	OB500	PVCF-WB	-45.0*
S-121.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layers, min. 0.5-inch base insulation	OB500	PVCF-WB	-45.0*
S-122.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-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	Type	Attach (Notes 6,7,8)		
S-123.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-45.0*
S-124.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-45.0*
S-125.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-60.0
EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:								
S-126.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-127.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCX-LM (12-inch o.c.)	-45.0*
S-128.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-129.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCX-LM (12-inch o.c.)	-45.0*
S-130.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-131.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCX-LM (12-inch o.c.)	-45.0*
S-132.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.0 ft²	Additional layers, min. 0.5-inch base insulation	LRF-M, OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-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	Type	Attach (Notes 6,7,8)		
S-133.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-M, OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
S-134.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.0 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
S-135.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.0 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M, OB500	PVCX-LM (4-inch o.c.)	-45.0*
S-136.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
S-137.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M, OB500	PVCX-LM (4-inch o.c.)	-45.0*
S-138.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-139.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (12-inch o.c.)	-45.0*
S-140.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-141.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (12-inch o.c.)	-45.0*
S-142.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-143.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (12-inch o.c.)	-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	Type	Attach (Notes 6,7,8)		
S-144.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RH	Note 2	1 per 2.0 ft²	Additional layers, min. 0.5-inch base insulation	LRF-XF	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
S-145.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RH	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-XF	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:								
S-146.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-147.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-LM (12-inch o.c.)	-45.0*
S-148.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-149.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-LM (12-inch o.c.)	-45.0*
S-150.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-151.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-LM (4-inch o.c.)	-45.0*
S-152.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-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	Type	Attach (Notes 6,7,8)		
S-153.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-LM (4-inch o.c.)	-45.0*
S-154.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-60.0
S-155.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-156.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (12-inch o.c.)	-45.0*
S-157.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-158.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (12-inch o.c.)	-45.0*
S-159.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-160.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (4-inch o.c.)	-45.0*
S-161.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-162.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (4-inch o.c.)	-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	Type	Attach (Notes 6,7,8)		
S-163.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-60.0
EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:								
S-164.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.0 ft²	Additional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVCX-OB	-45.0*
S-165.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-M or OB500	PVCX-OB	-45.0*
S-166.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.0 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-OB	-45.0*
S-167.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-OB	-45.0*
S-168.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCX-OB	-52.5
S-169.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RH	Note 2	1 per 2.0 ft²	Additional layers, min. 0.5-inch base insulation	LRF-XF	PVCX-OB	-45.0*
S-170.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RH	Note 2	1 per 2.9 ft²	Additional layers, min. 0.5-inch base insulation	LRF-XF	PVCX-OB	-45.0*
S-171.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-OB	-45.0*
S-172.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.9 ft²	Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-OB	-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	Type	Attach (Notes 6,7,8)		
S-173.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-OB	-52.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:								
S-174.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-XF or PVCF-OB	-45.0*
S-175.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-XF	-45.0*
S-176.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-XF or PVCF-OB	-45.0*
S-177.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-XF	-45.0*
S-178.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-XF or PVCF-OB	-45.0*
S-179.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-XF	-45.0*
S-180.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-XF or PVCF-OB	-45.0*
S-181.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M or OB500	PVCF-XF	-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	Type	Attach (Notes 6,7,8)		
S-182.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-XF or PVCF-OB	-52.5
S-183.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.3 ft²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	PVCF-XF or PVCF-OB	-60.0
S-184.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-45.0*
S-185.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft²	Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-XF	-45.0*
S-186.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-45.0*
S-187.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-XF	-45.0*
S-188.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-45.0*
S-189.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.9 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-XF	-45.0*
S-190.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-45.0*
S-191.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft²	Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-XF	-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	Type	Attach (Notes 6,7,8)		
S-192.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 2.0 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-52.5
S-193.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Teks 5, 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	Note 2	1 per 1.3 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-60.0
S-194.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 5/8" puddle welds 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 1.8 ft^2	Min. 1.5-inch x max. 4x4 ft base insulation	OB500	PVCF-OB	-60.0
S-195.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 5/8" puddle welds 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 1.8 ft^2	Optional layers of min. 1.5-inch x max. 4x4 ft base insulation followed by min. 0.25-inch x max. 4x4 ft DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-OB	-60.0
S-196.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 5/8" puddle welds 6" o.c. or structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 1.8 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-OB	-67.5

TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY									
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
ASPHALT-APPLIED BASE PLY:									
S-197.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.7 ft2	Min. 0.5-inch EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	SBS-AA	PVCF-HA	-45.0*
S-198.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft2	Min. 0.5-inch EnergyGuard Perlite Recover Board or min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or Structodek High Density Fiberboard Roof Insulation	Hot asphalt	SBS-AA	PVCF-HA	-45.0*
S-199.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft^2	Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA or SBS-AA	PVCF-HA	-45.0*
S-200.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft2	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)	Hot asphalt	SBS-AA	PVCF-HA	-45.0*
S-201.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA, EnergyGuard RN	Note 2	1 per 4.0 ft^2	Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA or SBS-AA	PVCF-HA	-45.0*
S-202.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft2	Min. 0.5-inch EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	SBS-AA	PVCF-HA	-45.0*
S-203.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 4.0 ft^2	Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA or SBS-AA	PVCF-HA	-45.0*
S-204.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA	Note 2	1 per 5.3 ft^2	Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA or SBS-AA	PVCF-HA	-45.0*

TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY									
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
S-205.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft2	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	SBS-AA	PVCF-HA	-45.0*
S-206.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	Note 2	1 per 1.3 ft2	Optional additional layers base insulation followed by min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous), min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or EnergyGuard Perlite Recover Board, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	PVCF-HA	-60.0
S-207.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.45 ft2	Min. 1.0-inch EnergyGuard Perlite Roof Insulation (homogeneous)	Hot asphalt	SBS-AA	PVCF-HA	-60.0
S-208.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.45 ft2	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	SBS-AA	PVCF-HA	-67.5
S-209.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA or EnergyGuard RN	Note 2	1 per 2.0 ft^2	Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA or SBS-AA	PVCF-HA	-45.0*
S-210.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-211.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	Note 2	1 per 2.0 ft2	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt or OB500	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-212.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA or EnergyGuard RN	Note 2	1 per 4.0 ft^2	Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA or SBS-AA	PVCF-HA	-45.0*
S-213.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*

TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY									
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
S-214.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	Note 2	1 per 1.3 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA	PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-215.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft2	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-216.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.6 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-217.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 1.5-inch EnergyGuard RA	Note 2	1 per 2.0 ft^2	Optional layers of base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	BP-AA or SBS-AA	PVCF-HA	-45.0*
S-218.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 4.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-219.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min 2-inch EnergyGuard RA	Note 2	1 per 4.0 ft^2	Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	BP-AA or SBS-AA	PVCF-HA	-45.0*
S-220.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 4.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-221.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH	Note 2	1 per 1.3 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-222.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 2.0 ft2	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0

TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY									
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
S-223.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 1.6 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
TORCH-APPLIED BASE PLY:									
S-224.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-225.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-226.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	Note 2	1 per 1.3 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA or SBS-TA	PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-227.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft2	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-228.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 1.6 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt or OB500	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-229.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 2.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-230.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 4.0 ft2	Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*

TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY									
System No.	Deck (Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
S-231.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH	Note 2	1 per 1.3 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA or SBS-TA	PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-232.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 2.0 ft2	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-233.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	Note 2	1 per 1.6 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
SELF-ADHERING BASE PLY:									
S-234.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	Note 2	1 per 1.3 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-235.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH	Note 2	1 per 1.3 ft^2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-SA	PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:									
S-236.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	PVC1-BA	-45.0*
S-237.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime	OB500	PVC1-BA	-45.0*
S-238.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-45.0*
S-239.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-BA	-45.0*
S-240.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC1-BA	-45.0*
S-241.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC1-BA	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-242.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC1-BA	-45.0*
S-243.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC1-BA	-45.0*
S-244.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC1-BA	-67.5
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:									
S-245.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-BA	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-246.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	Two plies GAFGLAS Ply 4 or GAFGLAS Ply 4 M, applied in hot asphalt	Min. 1.5-inch EnergyGuard RA	hot asphalt or OB500	PVC2-BA	-45.0*
S-247.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC2-BA	-45.0*
S-248.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC2-BA	-45.0*
S-249.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVC2-BA	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-250.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVC2-BA	-45.0*
S-251.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC2-BA	-67.5
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:									
S-252.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-QL	-45.0*
S-253.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	Two plies GAFGLAS Ply 4 or GAFGLAS Ply 4 M applied in hot asphalt	Min. 1.5-inch EnergyGuard RA	hot asphalt or OB500	PVC2-QL	-45.0*
S-254.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC2-QL	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-255.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC2-QL	-45.0*
S-256.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC2-QL	-45.0*
S-257.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC2-QL	-45.0*
S-258.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC2-QL	-60.0
S-259.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M, LRF-XF or OB500	PVC2-QL	-67.5
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:									

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-260.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, min. 0.25-inch DensDeck Prime and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-45.0*
S-261.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	Two plies GAFGLAS Ply 4 or GAFGLAS Ply 4 M applied in hot asphalt	Min. 1.5-inch EnergyGuard RA	hot asphalt or OB500	PVC1-QS or PVC2-QS	-45.0*
S-262.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC1-QS or PVC2-QS	-45.0*
S-263.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M or OB500	PVC1-QS or PVC2-QS	-45.0*
S-264.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC1-QS or PVC2-QS	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-265.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC1-QS or PVC2-QS	-45.0*
S-266.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVC1-QS or PVC2-QS	-60.0
S-267.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M, LRF-XF or OB500	PVC1-QS or PVC2-QS	-67.5
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:									
S-268.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	PVCX-WB	-45.0*
S-269.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-WB	-45.0*
S-270.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCX-WB	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-271.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-272.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M, LRF-XF or OB500	PVCX-LM (12-inch o.c.)	-45.0*
S-273.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-274.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M, LRF-XF or OB500	PVCX-LM (12-inch o.c.)	-45.0*
S-275.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCX-OB	-45.0*
S-276.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCX-OB	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-277.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, LRF-XF or OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0
S-278.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M, LRF-XF or OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0
S-279.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) PVCX-OB	-67.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:									
S-280.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by optional min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	PVCF-HA	-45.0*
S-281.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	PVCF-WB	-45.0*
S-282.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-45.0*
S-283.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-284.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0*
S-285.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM, 12-inch o.c.	-45.0*
S-286.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.7 ft²	SBS-SA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime	OB500	PVCF-LO, 12-inch o.c.	-45.0*
S-287.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCF-WB	-45.0*
S-288.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCF-WB	-45.0*
S-289.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-290.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M, LRF-XF or OB500	PVCF-LM (12-inch o.c.) or PVCF-XF	-45.0*

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-291.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-292.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M, LRF-XF or OB500	PVCF-LM (12-inch o.c.) or PVCF-XF	-45.0*
S-293.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M, LRF-XF or OB500	PVCF-WB	-52.5
S-294.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-52.5
S-295.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, LRF-XF or OB500	PVCF-XF	-52.5
S-296.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, LRF-XF or OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)	MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)		
S-297.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft^2	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M, LRF-XF or OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
S-298.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft^2	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M, LRF-XF or OB500	PVCF-XF or PVCF-OB	-60.0
S-299.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft^2	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCF-WB	-67.5
S-300.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft^2	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation	LRF-M, LRF-XF or OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-67.5
S-301.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft^2	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-67.5
S-302.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft^2	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	PVCF-XF	-67.5

TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY										
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
ASPHALT-APPLIED BASE PLY:										
S-303.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M in hot asphalt or SBS-AA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-AA	PVCF-HA	-45.0*
S-304.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M in hot asphalt or SBS-AA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	hot asphalt	GAFGLAS Stratavent Perforated Venting Base Sheet / loose laid followed by SBS-AA	PVCF-HA	-45.0*
TORCH-APPLIED BASE PLY:										
S-305.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	SBS-TA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	SBS-TA	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0*
S-306.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	SBS-TA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0*
S-307.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	SBS-TA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	SBS-TA	PVCF-XF or PVCF-OB	-45.0*
S-308.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	SBS-TA	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-XF or PVCF-OB	-45.0*
S-309.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	SBS-TA	PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*

TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY										
System No.	Deck (Note 1)	Thermal Barrier			Vapor Barrier	Insulation Layer(s)		Roof Cover (Note 15)		MDP (psf)
		Type	Fasten (Note 11)	Attach		Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
S-310.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M or OB500	SBS-TA	PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-311.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	SBS-TA	PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-312.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 4.0 ft²	GAF SA Vapor Retarder XL, self-adhering	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	SBS-TA	PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-313.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	SBS-TA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) or PVCF-XF	-60.0
S-314.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Note 2 *(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)*	1 per 2.0 ft²	GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder	One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M, LRF-XF or OB500	SBS-TA	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) or PVCF-XF	-67.5

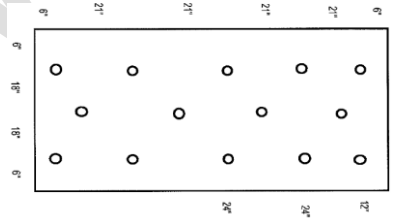
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:							
S-315.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
S-316.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
S-317.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	PVC1-BA	-45.0*
S-318.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVC1-BA	-45.0*
S-319.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVC1-BA	-45.0
S-320.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
S-321.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVC1-BA	-45.0*
S-322.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft²	PVC1-BA	-45.0*
S-323.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
S-324.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*

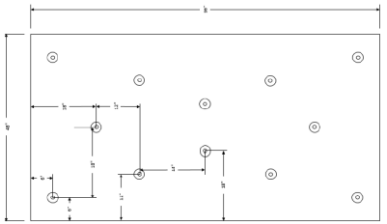
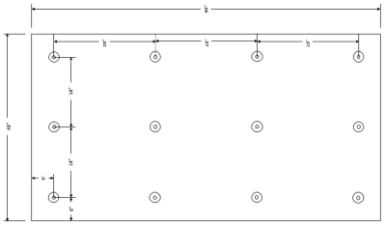
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-325.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.8 ft²	PVC1-BA	-60.0
S-326.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RH	Note 2	1 per 1.8 ft²	PVC1-BA	-67.5
S-327.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5, 6" o.c.	(Optional) One or more layers, min. 1.5-inch top insulation	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate	1 per 1.45 ft²	PVC1-BA	-82.5
S-328.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVC1-BA	-82.5
S-329.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVC1-BA	-82.5

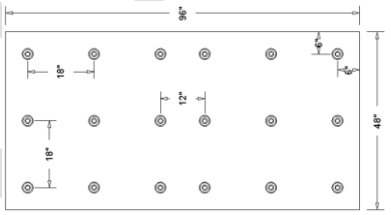
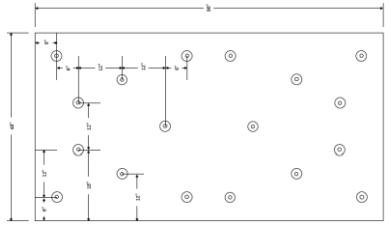
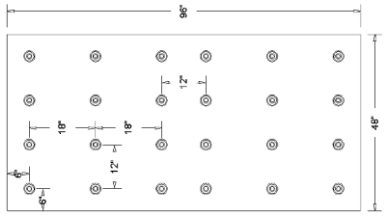
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-330.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVC1-BA	-97.5
S-331.	Min. 22 ga., Type B, Grade 80 steel; 6' spans, two (2) #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Min. 0.5-inch DensDeck Prime	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate	1 per 1.0 ft²	PVC1-BA	-127.5
S-332.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVC1-BA	-127.5
S-333.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVC1-BA	-135.0

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

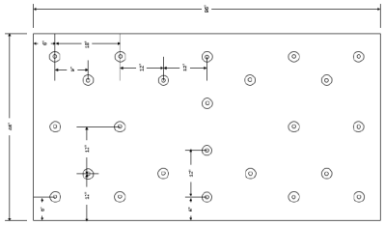
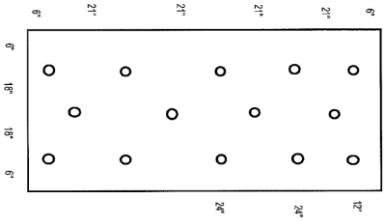
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-334.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVC1-BA	-142.5
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:							
S-335.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RA, EnergyGuard RN, EnergyGuard RH or EnergyGuard Ultra Polyiso Insulation or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	PVC2-BA	-45.0*
S-336.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 3.2 ft²	PVC2-BA	-45.0*
S-337.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVC2-BA	-45.0*
S-338.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVC2-BA	-45.0
S-339.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVC2-BA	-45.0*
S-340.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2 *(Drill-Tec 3" Standard Steel Plate only)*	1 per 2.7 ft²	PVC2-BA	-45.0*

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-341.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2 *(Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only)*	1 per 2.13 ft²	PVC2-BA	-45.0*
S-342.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.375-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate	1 per 2.7 ft²	PVC2-BA	-45.0*
S-343.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVC2-BA	-45.0*
S-344.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 2.7 ft²	PVC2-BA	-52.5
S-345.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	PVC2-BA	-52.5
S-346.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate	1 per 1.3 ft²	PVC2-BA	-52.5
S-347.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 1.45 ft²	PVC2-BA	-52.5
S-348.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.8 ft²	PVC2-BA	-60.0

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-349.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate	1 per 1.0 ft²	PVC2-BA	-60.0
S-350.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Note 2	1 per 1.8 ft²	PVC2-BA	-67.5
S-351.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft²	PVC2-BA	-67.5
S-352.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.5-inch Structodek High Density Roof Fiberboard	Note 2	1 per 1.0 ft²	PVC2-BA	-67.5
S-353.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.45 ft²	PVC2-BA	-75.0
S-354.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5, 6" o.c.	(Optional) One or more layers, min. 1.5-inch top insulation	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate	1 per 1.45 ft²	PVC2-BA	-82.5
S-355.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5 screw with ¾" washers, 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate	1 per 1.45 ft²	PVC2-BA	-82.5

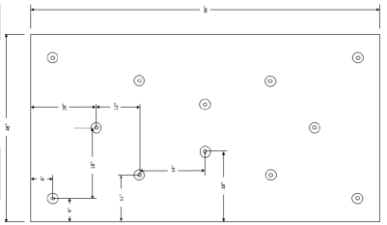
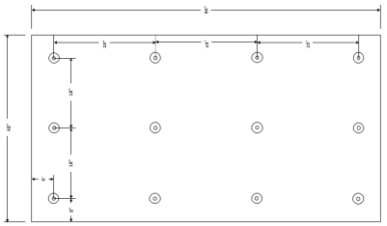
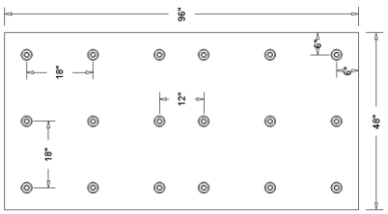
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-356.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVC2-BA	-82.5
S-357.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVC2-BA	-82.5
S-358.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, two (2) #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.0 ft²	PVC2-BA	-90.0
S-359.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVC2-BA	-97.5

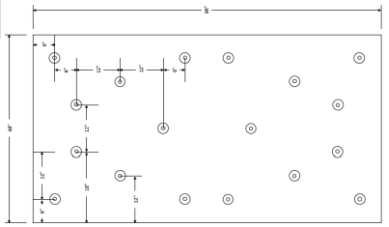
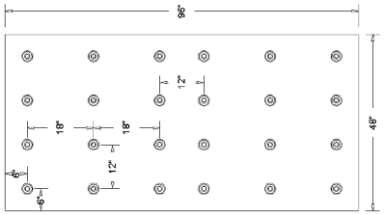
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-360.	Min. 22 ga., Type B, Grade 80 steel; 6' spans, two (2) #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Min. 0.5-inch DensDeck Prime	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate	1 per 1.0 ft²	EverGuard PVC / #2331	-127.5
S-361.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Teks 5 screw with ¾" washers, 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 2-inch	Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate	1 per 1.0 ft²	EverGuard PVC / #2331	-127.5
S-362.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVC2-BA	-127.5
S-363.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVC2-BA	-135.0

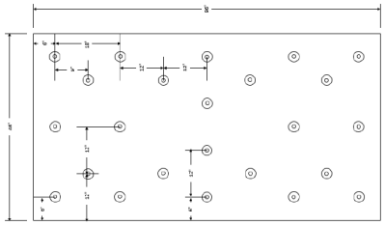
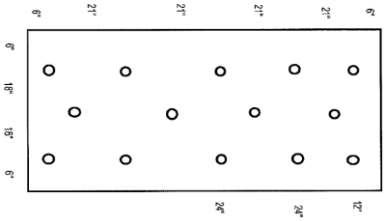
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-364.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, #12 HWH Teks 5 screw with ¾" washers, 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate	1 per 1.0 ft²	EverGuard PVC / #2331	-142.5
S-365.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVC2-BA	-142.5
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:							
S-366.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	PVC2-QL	-45.0*
S-367.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 3.2 ft²	PVC2-QL	-45.0*
S-368.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVC2-QL	-45.0*
S-369.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVC2-QL	-45.0

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-370.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVC2-QL	-45.0*
S-371.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2 *(Drill-Tec 3" Standard Steel Plate only)*	1 per 2.7 ft²	PVC2-QL	-45.0*
S-372.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2 *(Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only)*	1 per 2.13 ft²	PVC2-QL	-45.0*
S-373.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVC2-QL	-45.0*
S-374.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	PVC2-QL	-52.5
S-375.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 1.45 ft²	PVC2-QL	-60.0
S-376.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.8 ft²	PVC2-QL	-67.5
S-377.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5, 6" o.c.	(Optional) One or more layers, min. 1.5-inch top insulation	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate	1 per 1.45 ft²	PVC2-QL	-82.5
S-378.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.45 ft²	PVC2-QL	-82.5

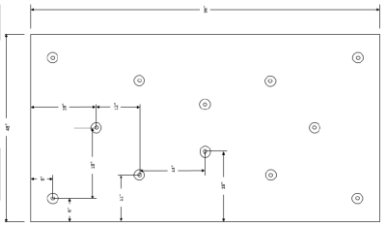
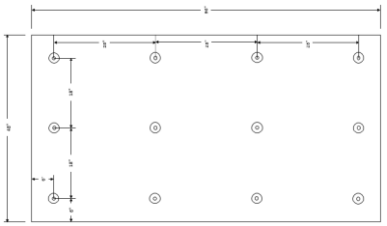
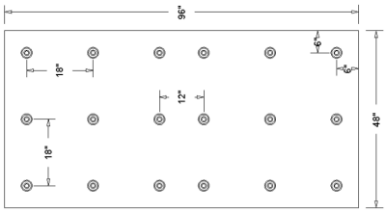
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-379.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVC2-QL	-82.5
S-380.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVC2-QL	-82.5
S-381.	Min. 22 ga., Type B, Grade 40 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.45 ft²	PVC2-QL	-90.0
S-382.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVC2-QL	-97.5

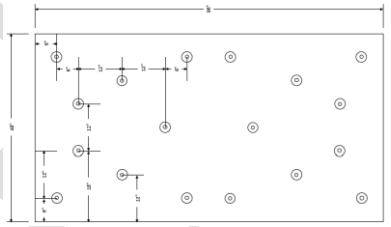
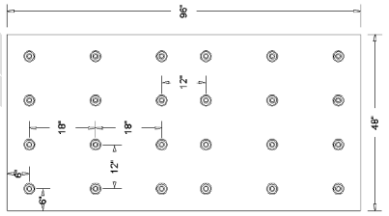
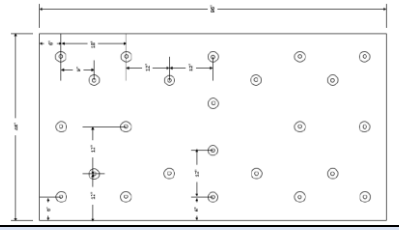
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-383.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVC2-QL	-127.5
S-384.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVC2-QL	-135.0
S-385.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVC2-QL	-142.5
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:							
S-386.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft²	PVC1-QS or PVC2-QS	-45.0*
S-387.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 3.2 ft²	PVC1-QS or PVC2-QS	-45.0*

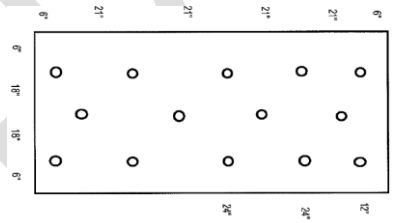
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-388.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVC1-QS or PVC2-QS	-45.0*
S-389.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVC1-QS or PVC2-QS	-45.0
S-390.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVC1-QS or PVC2-QS	-45.0*
S-391.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2 *(Drill-Tec 3" Standard Steel Plate only)*	1 per 2.7 ft²	PVC1-QS or PVC2-QS	-45.0*
S-392.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2 *(Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only)*	1 per 2.13 ft²	PVC1-QS or PVC2-QS	-45.0*
S-393.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, , EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA, Min. 0.25-inch DensDeck Prime or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVC1-QS or PVC2-QS	-45.0*
S-394.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.8 ft²	PVC1-QS or PVC2-QS	-52.5
S-395.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 1.45 ft²	PVC1-QS or PVC2-QS	-60.0
S-396.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.8 ft²	PVC1-QS or PVC2-QS	-67.5

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-397.	Min. 22 ga., Type B, Grade 33 steel	(Optional) One or more layers, min. 1.5-inch top insulation	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA	Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate	1 per 1.45 ft²	PVC1-QS or PVC2-QS	-82.5
S-398.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.45 ft²	PVC1-QS or PVC2-QS	-82.5
S-399.	Min. 22 ga., Type B, Grade 40 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.45 ft²	PVC1-QS or PVC2-QS	-90.0
EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:							
S-400.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 2.0 ft²	PVCX-WB	-45.0*
S-401.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVCX-WB	-45.0*
S-402.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVCX-WB	-45.0*
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:							
S-403.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	PVCF-HA	-45.0*
S-404.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 3.2 ft²	PVCF-HA	-45.0*
S-405.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 3.2 ft²	PVCF-HA	-45.0*

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-406.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.8 ft²	PVCF-HA	-45.0*
S-407.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 2.7 ft²	PVCF-HA	-52.5
S-408.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 1.45 ft²	PVCF-HA	-52.5
S-409.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH	Note 2	1 per 1.8 ft²	PVCF-HA	-67.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:							
S-410.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	PVCF-WB	-45.0*
S-411.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 3.2 ft²	PVCF-WB	-45.0*
S-412.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 3.2 ft²	PVCF-WB	-45.0*
S-413.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVCF-WB	-45.0*
S-414.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCF-WB	-45.0*
S-415.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	PVCF-WB	-52.5

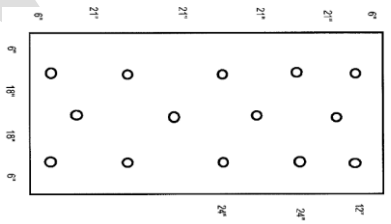
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-416.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft²	PVCF-WB	-67.5
EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:							
S-417.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-418.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.9 ft²	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
S-419.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
S-420.	Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.3 ft²	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0
S-421.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft²	PVCX-LO (12-inch o.c.)	-45.0*
S-422.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*

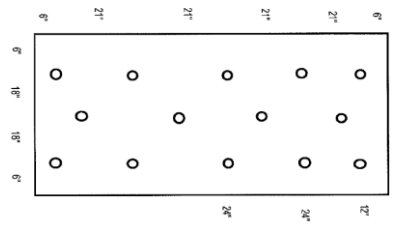
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-423.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
S-424.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.9 ft²	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
S-425.	Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 1.3 ft²	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-60.0
S-426.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft²	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-45.0*
S-427.	Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft²	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-67.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:							
S-428.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 2.9 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-429.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-430.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-431.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-432.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2 *(Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only)*	1 per 2.0 ft²	PVCF-LO (12-inch o.c.)	-45.0*
S-433.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 *(Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only)*	1 per 2.0 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-434.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-52.5
S-435.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.3 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
S-436.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 1.3 ft²	PVCF-LM (12-inch o.c.)	-67.5
S-437.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-45.0*
S-438.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 3.2 ft²	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-45.0*

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-439.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 3.2 ft²	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-45.0*
S-440.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 3.2 ft²	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-45.0*
S-441.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.5-inch EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.7 ft²	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-45.0*
S-442.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-443.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 3.2 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-444.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RN	Note 2	1 per 2.9 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-445.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-446.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-45.0*
S-447.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 2.7 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-52.5

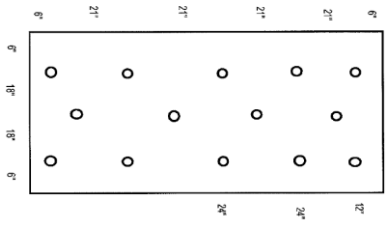
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-448.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 1.45 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-52.5
S-449.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RN	Note 2	1 per 1.3 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-60.0
S-450.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft²	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-67.5
EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:							
S-451.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCX-OB	-45.0*
S-452.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVCX-OB	-45.0*
S-453.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 2.9 ft²	PVCX-OB	-45.0*
S-454.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVCX-OB	-45.0
S-455.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard RH, EnergyGuard RN	Note 2	1 per 1.3 ft²	PVCX-OB	-60.0

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-456.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft²	PVCX-OB	-45.0*
S-457.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	PVCX-OB	-52.5
S-458.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft²	PVCX-OB	-67.5
S-459.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c. or min. 2,500 psi structural concrete	One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.45 ft²	PVCX-OB	-82.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:							
S-460.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	PVCF-XF or PVCF-OB	-45.0*
S-461.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 3.2 ft²	PVCF-XF or PVCF-OB	-45.0*
S-462.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 3.2 ft²	PVCF-XF or PVCF-OB	-45.0*
S-463.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVCF-XF or PVCF-OB	-45.0*
S-464.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RN	Note 2	1 per 2.9 ft²	PVCF-XF or PVCF-OB	-45.0*

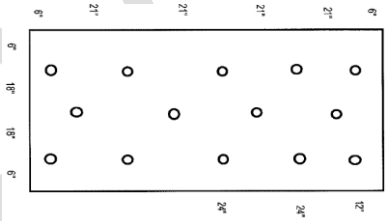
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-465.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete	(Optional) One or more layers, any combination	Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2 	1 per 2.3 ft² (14 parts per 4x8 ft board)	PVCF-XF or PVCF-OB	-45.0
S-466.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCF-XF or PVCF-OB	-45.0*
S-467.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft²	PVCF-XF or PVCF-OB	-45.0*
S-468.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 2.7 ft²	PVCF-XF or PVCF-OB	-52.5
S-469.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft²	PVCF-XF or PVCF-OB	-52.5
S-470.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, min. 1-inch	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 1.45 ft²	PVCF-XF or PVCF-OB	-52.5
S-471.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RN	Note 2	1 per 1.3 ft²	PVCF-XF or PVCF-OB	-60.0
S-472.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso	Note 2	1 per 1.8 ft²	PVCF-XF or PVCF-OB	-67.5

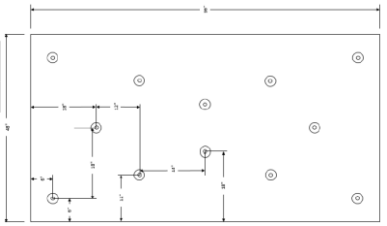
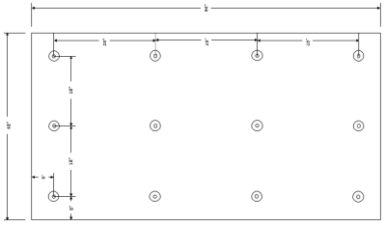
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-473.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft²	PVCF-XF or PVCF-OB	-67.5
S-474.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c. or min. 2,500 psi structural concrete	One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.45 ft²	PVCF-OB	-82.5
S-475.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVCF-XF	-82.5
S-476.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 2.7 ft²	PVCF-XF	-82.5

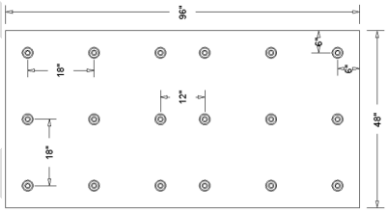
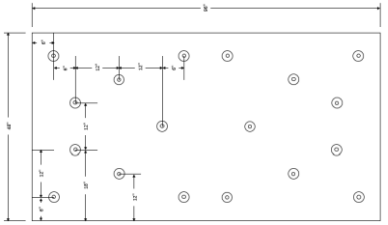
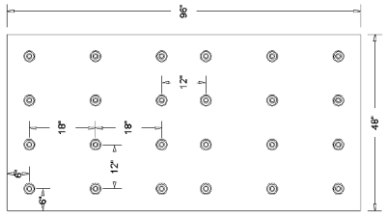
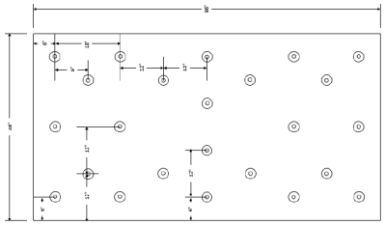
TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-477.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVCF-XF	-97.5
S-478.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.8 ft²	PVCF-XF	-127.5
S-479.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVCF-XF	-135.0

TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-480.	Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Teks 5, 6" o.c.	One or more layers, any combination, min. 1-inch	Min. 0.625-inch DensDeck StormX Prime	Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) 	1 per 1.3 ft²	PVCF-XF	-142.5

‡ NOTE: As-tested steel deck performance under TAS 114, Appendix J indicates steel deck at max. 6' spans attached with 5/8" diameter puddle welds spaced 6" o.c. may be substituted for #12 HWH Teks 5 screws in the Table 2F assemblies up to a maximum design pressure of -82.5 psf. Note 1.

TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY								
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
ASPHALT-APPLIED BASE PLY:								
S-481.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec AccuTrac Flat Plate or Drill-Tec #12 DP Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3" Flat Steel Plate or Drill-Tec #12 DPH Fastener (steel only) with Drill-Tec 3" Recessed Steel Plate	1 per 4.0 ft²	SBS-AA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-482.	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	Note 2	1 per 4.0 ft²	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-483.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec AccuTrac Flat Plate or Drill-Tec #12 DP Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3" Flat Steel Plate or Drill-Tec #12 DPH Fastener (steel only) with Drill-Tec 3" Recessed Steel Plate	1 per 3.2 ft²	SBS-AA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*

TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY								
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
S-484.	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 Structodek High Density Fiberboard Roof Insulation	Note 2	1 per 2.0 ft2	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-485.	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 SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-486.	Min. 22 ga., Type B, Grade 33 steel; 6’ spans, #12 HWH Teks 5 screw 6” o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft^2	SBS-AA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5
S-487.	Min. 22 ga., type B, Grade 33 steel; 6’ span, #12 HWH Teks 5 screw 6” o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5
S-488.	Min. 22 ga., type B, Grade 33 steel; 6’ span, #12 HWH Teks 5 screw 6” o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.45 ft2	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5
S-489.	Min. 22 ga., type B, Grade 33 steel; 6’ span, #12 HWH Teks 5 screw 6” o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2 (#14 only)	1 per 1.8 ft2	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-490.	Min. 22 ga., type B, Grade 33 steel; 6’ span, #12 HWH Teks 5 screw 6” o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft^2	SBS-AA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-491.	Min. 22 ga., type B, Grade 33 steel; 6’ span, #12 HWH Teks 5 screw 6” o.c. 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	Note 2	1 per 1.0 ft2	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-67.5
S-492.	Min. 22 ga., type B, Grade 33 steel; 6 ft spans; #12 HWH Teks 5, 6” o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft^2	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-82.5

TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY								
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
S-493.	Min. 20 ga., type B, Grade 33 steel, min. 22 ga., type B, Grade 80 steel; 6 ft spans; #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-90.0
TORCH-APPLIED BASE PLY:								
S-494.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft²	SBS-TA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-495.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-496.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 3.2 ft²	SBS-TA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-497.	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 DensDeck Prime	Note 2	1 per 3.2 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-498.	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	Note 2	1 per 2.13 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-499.	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 SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-500.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.8 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5
S-501.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	SBS-TA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5
S-502.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5
S-503.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.45 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5

TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY								
System No.	Deck (Note 1)	Base Insulation Layer (Note 13)	Top Insulation Layer			Roof Cover (Note 15)		MDP (psf)
			Type	Fasten (Note 11)	Attach	Base Ply	Cap Ply	
S-504.	Min. 22 ga., type B, Grade 40 steel; 6' span, 5/8-inch puddle welds 6" o.c. 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	Note 2	1 per 1.45 ft2	SBS-TA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-505.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft^2	SBS-TA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-506.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. 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	Note 2	1 per 1.3 ft2	SBS-TA	PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-60.0
S-507.	Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Note 2	1 per 1.45 ft2	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-67.5
S-508.	Min. 22 ga., type B, Grade 40 steel; 6' span, 5/8-inch puddle welds 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.3 ft^2	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-67.5
S-509.	Min. 22 ga., type B, Grade 40 steel; 6' span, 5/8-inch puddle welds 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.45 ft2	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-75.0
S-510.	Min. 20 ga., type B, Grade 33 steel or min. 22 ga., type B, Grade 80 steel; 6' span, two (2) #12 HWH Teks 5 with ¾" washers 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime	Note 2	1 per 1.0 ft2	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-90.0
SELF-ADHERING BASE PLY:								
S-511.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 4.0 ft^2	SBS-SA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-512.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 3.2 ft^2	SBS-SA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
S-513.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft^2	SBS-SA	PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-52.5

TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Thermal Barrier / Vapor Barrier	Insulation			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:							
S-514.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck or min. 0.5-inch SECUROCK Glass-Mat Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft²	PVC1-BA	-45.0*
S-515.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
S-516.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	PVC1-BA	-45.0*
S-517.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
S-518.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVC1-BA	-45.0*
S-519.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft²	PVC1-BA	-45.0*
S-520.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
S-521.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVC1-BA	-45.0*
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:							

TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Thermal Barrier / Vapor Barrier	Insulation			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-522.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVC2-BA	-45.0*
S-523.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 4.0 ft²	PVC2-BA	-45.0*
S-524.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVC2-BA	-45.0*
S-525.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVC2-BA	-45.0*
S-526.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft²	PVC2-BA	-45.0*
S-527.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVC2-BA	-45.0*
S-528.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime	Note 2	1 per 1.45 ft²	PVC2-BA	-52.5
S-529.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	PVC2-BA	-52.5
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:							
S-530.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA	Note 2	1 per 2.0 ft²	PVC2-QL	-45.0*

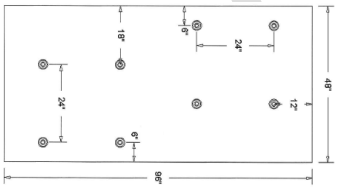
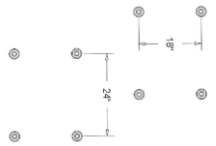
TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Thermal Barrier / Vapor Barrier	Insulation			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-531.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA	Note 2	1 per 4.0 ft²	PVC2-QL	-45.0*
S-532.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVC2-QL	-45.0*
S-533.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVC2-QL	-45.0*
S-534.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft²	PVC2-QL	-45.0*
S-535.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	Note 2	1 per 2.0 ft²	PVC2-QL	-45.0*
S-536.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime	Note 2	1 per 1.45 ft²	PVC2-QL	-52.5
S-537.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	PVC2-QL	-52.5
EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:							
S-538.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Note 2	1 per 2.0 ft²	PVCX-WB	-45.0*
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:							

TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Thermal Barrier / Vapor Barrier	Insulation			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-539.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 2.0 ft²	PVCF-WB	-45.0*
S-540.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN	Note 2	1 per 4.0 ft²	PVCF-WB	-45.0*
S-541.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVCF-WB	-45.0*
S-542.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime	Note 2	1 per 3.2 ft²	PVCF-WB	-45.0*
S-543.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime	Note 2	1 per 4.0 ft²	PVCF-WB	-45.0*
S-544.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime	Note 2	1 per 1.45 ft²	PVCF-WB	-52.5
S-545.	Min. 22 ga., Type B, Grade 33 steel; 6’ spans, #12 HWH Teks 5 screw 6” o.c. or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 1.6 ft²	PVCF-WB	-52.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:							
S-546.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Note 2	1 per 2.9 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
S-547.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVCF-LO (12-inch o.c.)	-45.0*

TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck‡ (Note 1)	Thermal Barrier / Vapor Barrier	Insulation			Roof Cover (Note 15)	MDP (psf)
			Type	Fasten (Note 11)	Attach		
S-548.	Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Note 2	1 per 2.0 ft²	PVCF-LM (12-inch o.c.)	-45.0*
S-549.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation,	Note 2	1 per 1.3 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0

‡NOTE: As-tested steel deck performance under TAS 114, Appendix J indicates steel deck at max. 6' spans attached with 5/8" diameter puddle welds spaced 6" o.c. may be substituted for #12 HWH Teks 5 screws in the Table 2H assemblies to a maximum design pressure of -82.5 psf. Note 1.

TABLE 2I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER						
System No.	Deck‡ (Note 1)	Insulation Layer (Note 13)	Attachment		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
S-550.	Min. 22 ga., Type B, Grade 80 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	24 x 48 inch grid	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-45.0
S-551.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	1 per 5.3 ft² (6 parts per 4 x 8 ft board) Fasteners located in each of the four corners of the board and at mid-span of the 96-inch length. Fasteners are 6-inches from the board's long edges and 12-inches and 48-inches from the board's short edges.	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-45.0*
S-552.	Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c.	One or more layers, any combination	Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate	24 x 36 inch grid	EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions.	-45.0

TABLE 2I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER						
System No.	Deck‡ (Note 1)	Insulation Layer (Note 13)	Attachment		Roof Cover (Note 15B)	MDP (psf)
			Fastener (Note 11)	Density		
S-553.	Min. 20 ga., type B, Grade 33 steel; 7' span, 5/8" puddle weld 6" o.c.	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	1 per 4.0 ft² (8 parts per 4 x 8 ft board) 	EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions.	-52.5
S-554.	Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c.	One or more layers, any combination	Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate	24 x 24 inch grid	EverGuard PVC XK, EverGuard PVC or EverGuard PVC KEE Smooth induction welded per manufacturer's published instructions.	-60.0
S-555.	Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	24 x 24 inch grid	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-60.0
S-556.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; 5/8" puddle welds, 6" o.c.	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	1 per 2.7 ft² (12 parts per 4 x 8 ft board) Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge.	EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions.	-67.5
S-557.	Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Teks 5 screw 6" o.c. or min. 2,500 psi structural concrete	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	16 x 24 inch grid	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-82.5
S-558.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds, 6" o.c.	One or more layers, any combination (Tread Safe = min. 2-inch)	Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	18 x 24 inch staggered grid 	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-82.5
S-559.	Min. 22 ga., type B, Grade 60 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	One or more layers, any combination, min. 2-inch	Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate	18 x 16 inch grid, staggered 6-inch	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-105.0

‡ NOTE: As-tested steel deck performance under TAS 114, Appendix J indicates steel deck at max. 6' spans attached with 5/8" diameter puddle welds spaced 6" o.c. may be substituted for #12 HWH Teks 5 screws in the Table 2I ssemblies up to a maximum design pressure of -67.5 psf. Note 1.

TABLE 2J: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D-1: MECHANICALLY ATTACHED ROOF COVER								
System No.	Deck (Note 1)	Insulation (Note 13)		Separator Sheet (Optional)	Roof Cover (Note 15A)			MDP (psf)
		Type	Attach (Note 5)		Membrane	Fastener (Note 11)	Attachment	
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK:								
S-560.	Min. 22 ga., type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c.	One or more layers, any combination, min. 1.5-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC XK or EverGuard PVC Smooth	Drill-Tec #14 Fasteners with Drill-Tec 2 in. Barbed Plate	6-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 2-inch heat weld.	-45.0
S-561.	Min. 22 ga., type B, Grade 80 steel' 6' spans, #12 HWH Teks 5 screw 6" o.c.	One or more layers, any combination, min. 1.5-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC XK or EverGuard PVC Smooth	Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate	6-inch o.c. within minimum 5.5-inch wide laps spaced maximum 75.5-inch o.c. and sealed with a 2-inch heat weld	-45.0
S-562.	Min. 22 ga., type B, Grade 80 steel' 6' spans, #12 HWH Teks 5 screw 6" o.c.	One or more layers, any combination, min. 1.5-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC XK or EverGuard PVC Smooth	Drill-Tec SXHD #21 with Drill-Tec 2 ¾ in. Barbed SXHD Plate	12-inch o.c. within minimum 6-inch wide laps spaced maximum 75-inch o.c. and sealed with a 2-inch heat weld	-45.0
S-563.	Min. 22 ga., type B, Grade 33 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c.	One or more layers, any combination, min. 1.5-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC XK or EverGuard PVC Smooth	Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld.	-45.0
EVERGUARD PVC OR EVERGUARD PVC KEE:								
S-564.	Min. 22 ga., type B, Grade 80 steel; 6' spans, #12 HWH Teks 5 screw 6" o.c.	One or more layers, any combination, min. 1.5-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC or EverGuard PVC KEE	Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate	6-inch o.c. within minimum 6-inch wide laps spaced maximum 114-inch o.c. and sealed with a 1.5-inch heat weld	-45.0
S-565.	Min. 22 ga., type B, Grade 33 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	One or more layers, any combination, min. 1-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC or EverGuard PVC KEE	Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate	12-inch o.c. within minimum 6-inch wide laps spaced maximum 54-inch o.c. and sealed with a 1.5-inch heat weld	-52.5
S-566.	Min. 22 ga., type B, Grade 33 steel; 6 ft span, #12-14 x 7/8 in HWH screws, 6" o.c.	One or more layers, any combination, min. 1-inch	Prelim. attach	EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2)	EverGuard PVC or EverGuard PVC KEE	Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate	6-inch o.c. within minimum 6-inch wide laps spaced maximum 54-inch o.c. and sealed with a 1.5-inch heat weld	-60.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 19 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
EVERGUARD PVC SMOOTH OR PVC XK / EVERGUARD #2331 BONDING ADHESIVE:							
C-1.	Structural concrete	Min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC1-BA	-97.5
C-2.	Structural concrete	Min. 1-inch EnergyGuard RH	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVC1-BA	-162.5
C-3.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC1-BA	-165.0
C-4.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVC1-BA	-187.5
C-5.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC1-BA	-202.5
C-6.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVC1-BA	-232.5
C-7.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRF-M	PVC1-BA	-232.5
C-8.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC1-BA	-97.5
C-9.	Structural concrete	Min. 1.5-inch EnergyGuard RH	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVC1-BA	-162.5
C-10.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC1-BA	-165.0
C-11.	Structural concrete	Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVC1-BA	-202.5
C-12.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVC1-BA	-232.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-13.	Structural concrete	Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime	LRF-M Canister	PVC1-BA	-232.5
C-14.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC1-BA	-165.0
C-15.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVC1-BA	-187.5
C-16.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC1-BA	-202.5
C-17.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	(Optional) Additional layers of base insulation	LRF-XF	PVC1-BA	-232.5
C-18.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRF-XF	PVC1-BA	-232.5
C-19.	Structural concrete	Min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-BA	-97.5
C-20.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC1-BA	-165.0
C-21.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVC1-BA	-187.5
C-22.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-202.5
C-23.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-202.5
C-24.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers of base insulation	OB500	PVC1-BA	-232.5
C-25.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC1-BA	-232.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-26.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layer of base insulation	OB500	PVC1-BA	-247.5
C-27.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC1-BA	-247.5
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE:							
C-28.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot Asphalt	(Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	Hot asphalt	PVC2-BA	-45.0
C-29.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Additional optional layers base insulation followed by min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	LRF-M	PVC2-BA	-82.5
C-30.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC2-BA	-90.0
C-31.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC2-BA	-97.5
C-32.	Structural concrete	Min. 1-inch EnergyGuard RH	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVC2-BA	-162.5
C-33.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	LRF-M	PVC2-BA	-165.0
C-34.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC2-BA	-165.0
C-35.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVC2-BA	-187.5
C-36.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-BA	-232.5
C-37.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVC2-BA	-292.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-38.	Structural concrete	Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	LRF-M, 6-inch o.c.	None	N/A	PVC2-BA	-405.0
C-39.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC2-BA	-97.5
C-40.	Structural concrete	Min. 1.5-inch EnergyGuard RH	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVC2-BA	-162.5
C-41.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC2-BA	-165.0
C-42.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVC2-BA	-232.5
C-43.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVC2-BA	-247.5
C-44.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	LRF-XF	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVC2-BA	-90.0
C-45.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRF-XF	PVC2-BA	-130.0
C-46.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC2-BA	-165.0
C-47.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVC2-BA	-187.5
C-48.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layers of base insulation	LRF-XF	PVC2-BA	-232.5
C-49.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-232.5
C-50.	Structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	LRF-XF	PVC2-BA	-247.5
C-51.	Structural concrete	Min. 1.5-inch thick, min. 2.0 pcf Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC2-BA	-45.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-52.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layer of base insulation	OB500	PVC2-BA	-45.0
C-53.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC2-BA	-52.5
C-54.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-BA	-90.0
C-55.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-BA	-97.5
C-56.	Structural concrete	Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC2-BA	-120.0
C-57.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	OB500	PVC2-BA	-127.5
C-58.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC2-BA	-130.0
C-59.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	OB500	PVC2-BA	-165.0
C-60.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC2-BA	-165.0
C-61.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVC2-BA	-187.5
C-62.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	PVC2-BA	-202.5
C-63.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-232.5
C-64.	Structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-240.0
C-65.	Structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	OB500	PVC2-BA	-247.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 12 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-66.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers of base insulation	OB500	PVC2-BA	-292.5
C-67.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVC2-BA	-397.5
C-68.	Structural concrete	Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board	OB500, 6-inch o.c.	None	N/A	PVC2-BA	-405.0
C-69.	Structural concrete	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA	OB500	None	N/A	PVC2-BA	-502.5
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE:							
C-70.	Structural concrete	Min. 1.5-inch EnergyGuard RA	hot asphalt	(Optional) Min. 0.25-inch DensDeck Prime	hot asphalt	PVC2-QL	-45.0
C-71.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC2-QL	-90.0
C-72.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC2-QL	-97.5
C-73.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC2-QL	-165.0
C-74.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-QL	-232.5
C-75.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVC2-QL	-292.5
C-76.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC2-QL	-97.5
C-77.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC2-QL	-165.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-78.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVC2-QL	-232.5
C-79.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVC2-QL	-247.5
C-80.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	LRF-XF	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVC2-QL	-90.0
C-81.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck Prime	LRF-XF	PVC2-QL	-130.0
C-82.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC2-QL	-165.0
C-83.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layers of base insulation	LRF-XF	PVC2-QL	-232.5
C-84.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-232.5
C-85.	Structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-247.5
C-86.	Structural concrete	Min. 1.5-inch, min. 2.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC2-QL	-45.0
C-87.	Structural concrete	Min. 1-inch EnergyGuard RA	OB500	(Optional) Additional layer of base insulation	OB500	PVC2-QL	-45.0
C-88.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC2-QL	-52.5
C-89.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-QL	-90.0
C-90.	Structural concrete	Min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-QL	-97.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-91.	Structural concrete	Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC2-QL	-120.0
C-92.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-127.5
C-93.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC2-QL	-130.0
C-94.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC2-QL	-165.0
C-95.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-232.5
C-96.	Structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-240.0
C-97.	Structural concrete	Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-247.5
C-98.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers of base insulation	OB500	PVC2-QL	-292.5
C-99.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	OB500	PVC2-QL	-270.0
C-100.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	OB500	None	N/A	PVC2-QL	-375.0
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:							
C-101.	Structural concrete	Min. 1.5-inch EnergyGuard RA	hot asphalt	(Optional) Min. 0.25-inch DensDeck Prime	hot asphalt	PVC1-QS or PVC2-QS	-45.0
C-102.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC1-QS or PVC2-QS	-90.0
C-103.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC1-QS or PVC2-QS	-97.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-104.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC1-QS or PVC2-QS	-165.0
C-105.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	LRF-M	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M	PVC1-QS or PVC2-QS	-210.0
C-106.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVC1-QS or PVC2-QS	-292.5
C-107.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC1-QS or PVC2-QS	-97.5
C-108.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC1-QS or PVC2-QS	-165.0
C-109.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M Canister	PVC1-QS or PVC2-QS	-210.0
C-110.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVC1-QS or PVC2-QS	-247.5
C-111.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA	LRF-XF	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVC1-QS or PVC2-QS	-90.0
C-112.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck Prime	LRF-XF	PVC1-QS or PVC2-QS	-130.0
C-113.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC1-QS or PVC2-QS	-165.0
C-114.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	LRF-XF	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime	LRF-XF	PVC1-QS or PVC2-QS	-210.0
C-115.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-XF	(Optional) Additional layers of base insulation	LRF-XF	PVC1-QS or PVC2-QS	-232.5
C-116.	Structural concrete	Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-45.0
C-117.	Structural concrete	Min. 1-inch EnergyGuard RA	OB500	(Optional) Additional layer of base insulation	OB500	PVC1-QS or PVC2-QS	-45.0
C-118.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-52.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-119.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-90.0
C-120.	Structural concrete	Min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-97.5
C-121.	Structural concrete	Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-120.0
C-122.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-130.0
C-123.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-165.0
C-124.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra or min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-210.0
C-125.	Structural concrete	Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	OB500	Min. 0.625-inch DensDeck Prime	OB500	PVC2-QS	-232.5
C-126.	Structural concrete	Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	OB500	Min. 0.625-inch DensDeck Prime	OB500	PVC1-QS	-247.5
C-127.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers of base insulation	OB500	PVC1-QS or PVC2-QS	-292.5
C-128.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	OB500	PVC1-QS or PVC2-QS	-270.0
C-129.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	OB500	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-QS or PVC2-QS	-270.0
C-130.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	OB500	None	N/A	PVC1-QS or PVC2-QS	-375.0
EVERGUARD PVC XK FLEECEBACK IN HOT ASPHALT:							
C-131.	Structural concrete (primed)	Min. 1-inch EnergyGuard RH	HA	(Optional) Additional layers of base insulation	HA	PVCX-HA	-490.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:							

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-132.	Structural concrete (primed)	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	Hot Asphalt	Min. 0.25-inch DensDeck	Hot asphalt	PVCF-HA	-45.0
C-133.	Structural concrete (primed)	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	hot asphalt	(Optional) Additional layers of base insulation	hot asphalt	PVCF-HA	-382.5
C-134.	Structural concrete (primed)	Min. 1-inch EnergyGuard RH	Hot asphalt	None	N/A	PVCF-HA	-470.0
C-135.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch DensDeck	OB500	PVCF-HA	-45.0
EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:							
C-136.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVCX-WB	-90.0
C-137.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCX-WB	-90.0
C-138.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-WB	-90.0
C-139.	Structural concrete	Min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCX-WB	-97.5
C-140.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVCX-WB	-90.0
C-141.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-WB	-90.0
C-142.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-WB	-90.0
C-143.	Structural concrete	Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-WB	-97.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-144.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	(Optional) Additional layers of base insulation	LRF-XF	PVCX-WB	-90.0
C-145.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCX-WB	-90.0
C-146.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-WB	-90.0
C-147.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layers of base insulation	OB500	PVCX-WB	-90.0
C-148.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCX-WB	-90.0
C-149.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-WB	-90.0
C-150.	Structural concrete	Min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCX-WB	-97.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:							
C-151.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-WB	-97.5
C-152.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCF-WB	-165.0
C-153.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCF-WB	-187.5
C-154.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB	-232.5
C-155.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVCF-WB	-292.5

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-156.	Structural concrete	Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-WB	-97.5
C-157.	Structural concrete	(Optional) Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-WB	-165.0
C-158.	Structural concrete	Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-WB	-232.5
C-159.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVCF-WB	-247.5
C-160.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCF-WB	-165.0
C-161.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCF-WB	-187.5
C-162.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-WB	-232.5
C-163.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-52.5
C-164.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-WB	-97.5
C-165.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCF-WB	-165.0
C-166.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCF-WB	-187.5
C-167.	Structural concrete	Min. 1-inch EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layer of base insulation	OB500	PVCF-WB	-127.5
C-168.	Structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layers base insulation	OB500	PVCF-WB	-225.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-169.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-232.5
C-170.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-240.0
C-171.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers of base insulation	OB500	PVCF-WB	-292.5
EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:							
C-172.	Structural concrete	Min. 1-inch EnergyGuard RH	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVCX-LM (6-inch o.c.)	-45.0
C-173.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime	LRF-M	PVCX-LO (12-inch o.c.)	-45.0
C-174.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
C-175.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (12-inch o.c.)	-45.0
C-176.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0
C-177.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
C-178.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0
C-179.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
C-180.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (4-inch o.c.)	-180.0
C-181.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
C-182.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	(Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (4-inch o.c.)	-180.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-183.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
C-184.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	None	N/A	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-195.0
C-185.	Structural concrete	Min. 1.5-inch EnergyGuard RH	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVCX-LM, 6-inch o.c.	-45.0
C-186.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime	LRF-M Canister	PVCX-LO, 12-inch o.c.	-45.0
C-187.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-LM or PVCX-LO, 12-inch o.c.	-45.0
C-188.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
C-189.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
C-190.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0
C-191.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
C-192.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN	LRF-M Canister	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
C-193.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	None	LRF-M Canister	PVCX-LM or PVCX-LO, 4-inch o.c.	-195.0
C-194.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime	LRF-XF	PVCX-LO (12-inch o.c.)	-45.0
C-195.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
C-196.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (12-inch o.c.)	-45.0
C-197.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layers of base insulation	LRF-XF	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-198.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
C-199.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0
C-200.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
C-201.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (4-inch o.c.)	-180.0
C-202.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
C-203.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	(Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (4-inch o.c.)	-180.0
C-204.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
C-205.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	None	N/A	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-195.0
C-206.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layers of base insulation	OB500	PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.)	-45.0
C-207.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime	OB500	PVCX-LO (12-inch o.c.)	-45.0
C-208.	Structural concrete	(Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-LM (6-inch o.c.)	-45.0
C-209.	Structural concrete	(Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (6-inch o.c.)	-45.0
C-210.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
C-211.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (12-inch o.c.)	-45.0
C-212.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers of base insulation	OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-213.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
C-214.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0
C-215.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
C-216.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (4-inch o.c.)	-180.0
C-217.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
C-218.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	(Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (4-inch o.c.)	-180.0
C-219.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
C-220.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-195.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:							
C-221.	Structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	LRF-M	(Optional) Additional layers base insulation	LRF-M	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
C-222.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN	LRF-M	Min. 0.25-inch DensDeck Prime	LRF-M	PVCF-LO (12-inch o.c.)	-45.0
C-223.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M	PVCF-LO (12-inch o.c.)	-45.0
C-224.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
C-225.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN	LRF-M	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-45.0
C-226.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
C-227.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Additional optional layers base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-45.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-228.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	LRF-M	(Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-229.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	LRF-M	(Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-60.0
C-230.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
C-231.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCF-LM or PVCF-LO, 12-inch o.c.	-165.0
C-232.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RN, EnergyGuard RM	LRF-M	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-67.5
C-233.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-180.0
C-234.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (4-inch o.c.)	-180.0
C-235.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCF-LM or PVCF-LO, 12-inch o.c.	-180.0
C-236.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	None	N/A	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-195.0
C-237.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers base insulation	LRF-M	PVCF-LM (4-inch o.c.)	-210.0
C-238.	Structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	LRF-M Canister	(Optional) Additional layers base insulation	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0
C-239.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime	LRF-M Canister	PVCF-LO, 12-inch o.c.	-45.0
C-240.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0
C-241.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN	LRF-M Canister	(Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
C-242.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-165.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-243.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-LM, 12-inch o.c.	-67.5
C-244.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-LM or PVCF-LO, 4-inch o.c.	-180.0
C-245.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	None	N/A	PVCF-LM or PVCF-LO, 4-inch o.c.	-195.0
C-246.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers base insulation	LRF-M Canister	PVCF-LM, 4-inch o.c.	-210.0
C-247.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime	LRF-XF	PVCF-LO (12-inch o.c.)	-45.0
C-248.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
C-249.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (12-inch o.c.)	-45.0
C-250.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA	LRF-XF	(Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-251.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA	LRF-XF	(Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (12-inch o.c.)	-60.0
C-252.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
C-253.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCF-LM or PVCF-LO, 12-inch o.c.	-165.0
C-254.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-180.0
C-255.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (4-inch o.c.)	-180.0
C-256.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCF-LM or PVCF-LO, 12-inch o.c.	-180.0
C-257.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	None	N/A	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-195.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-258.	Structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layers base insulation	OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
C-259.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVCF-LO (12-inch o.c.)	-45.0
C-260.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime	OB500	PVCF-LO (12-inch o.c.)	-45.0
C-261.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
C-262.	Structural concrete	Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (12-inch o.c.)	-45.0
C-263.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
C-264.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (12-inch o.c.)	-45.0
C-265.	Structural concrete	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layer of base insulation	OB500	PVCF-LO (12-inch o.c.)	-45.0
C-266.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LO (12-inch o.c.)	-45.0
C-267.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-268.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (12-inch o.c.)	-60.0
C-269.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
C-270.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCF-LM or PVCF-LO, 12-inch o.c.	-165.0
C-271.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-180.0
C-272.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (4-inch o.c.)	-180.0
C-273.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCF-LM or PVCF-LO, 12-inch o.c.	-180.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-274.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-195.0
EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:							
C-275.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVCX-OB	-60.0
C-276.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCX-OB	-165.0
C-277.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCX-OB	-180.0
C-278.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-OB	-180.0
C-279.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-OB	-180.0
C-280.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	None	N/A	PVCX-OB	-195.0
C-281.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers of base insulation	LRF-M Canister	PVCX-OB	-60.0
C-282.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-OB	-165.0
C-283.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-OB	-180.0
C-284.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN	LRF-M Canister	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-OB	-180.0
C-285.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	None	LRF-M Canister	PVCX-OB	-195.0
C-286.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layers of base insulation	LRF-XF	PVCX-OB	-60.0
C-287.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCX-OB	-165.0
C-288.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCX-OB	-180.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-289.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-OB	-180.0
C-290.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-OB	-180.0
C-291.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	None	N/A	PVCX-OB	-195.0
C-292.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers of base insulation	OB500	PVCX-OB	-60.0
C-293.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCX-OB	-165.0
C-294.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCX-OB	-180.0
C-295.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-OB	-180.0
C-296.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-OB	-180.0
C-297.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	PVCX-OB	-195.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:							
C-298.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-XF or PVCF-OB	-90.0
C-299.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCF-XF or PVCF-OB	-165.0
C-300.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCF-XF or PVCF-OB	-180.0
C-301.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers base insulation	LRF-M	PVCF-XF or PVCF-OB	-180.0
C-302.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-XF or PVCF-OB	-180.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-303.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-XF	-180.0
C-304.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	None	N/A	PVCF-XF or PVCF-OB	-195.0
C-305.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-XF or PVCF-OB	-90.0
C-306.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-XF or PVCF-OB	-165.0
C-307.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layers base insulation	LRF-M Canister	PVCF-XF or PVCF-OB	-180.0
C-308.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-XF or PVCF-OB	-180.0
C-309.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	None	N/A	PVCF-XF or PVCF-OB	-195.0
C-310.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA	LRF-XF	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCF-XF or PVCF-OB	-90.0
C-311.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCF-XF or PVCF-OB	-165.0
C-312.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCF-XF or PVCF-OB	-180.0
C-313.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layers base insulation	LRF-XF	PVCF-XF or PVCF-OB	-180.0
C-314.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-180.0
C-315.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-XF	-180.0
C-316.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	None	LRF-XF	PVCF-XF or PVCF-OB	-195.0

TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS							
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)	MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)		
C-317.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-XF or PVCF-OB	-90.0
C-318.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCF-XF or PVCF-OB	-165.0
C-319.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCF-XF or PVCF-OB	-180.0
C-320.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layers base insulation	OB500	PVCF-XF or PVCF-OB	-180.0
C-321.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-XF or PVCF-OB	-180.0
C-322.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-XF	-180.0
C-323.	Structural concrete	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	PVCF-XF or PVCF-OB	-195.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS								
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
ASPHALT-APPLIED BASE PLY:								
C-324.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 0.5-inch EnergyGuard Perlite Recover Board or Structodek High Density Fiberboard Roof Insulation, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard Composite	Hot asphalt	SBS-AA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY*
REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
C-325.	Structural concrete	Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)	Hot asphalt	None	N/A	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-140.0
C-326.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Hot asphalt	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation, EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation, min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-150.0
C-327.	Structural concrete	Min. 0.5-inch EnergyGuard Perlite Recover Board or Structodek High Density Fiberboard Roof Insulation	Hot asphalt	None	N/A	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-165.0
C-328.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot asphalt	Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-172.5
C-329.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot asphalt	Min. 0.5-inch EnergyGuard Perlite Recover Board	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-187.5
C-330.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-225.0
C-331.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot asphalt	Min. 0.25-inch DensDeck or DensDeck Prime	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-240.0
C-332.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot asphalt	Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous), min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or EnergyGuard Perlite Recover Board, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-255.0
C-333.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot asphalt	Min. 1.5-inch EnergyGuard Composite	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-270.0
C-334.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot asphalt	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	Hot asphalt	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-307.5

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY*
REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
C-335.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	hot asphalt	SBS-AA	PVCF-HA	-495.0
C-336.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	SBS-AA	PVCF-LO (12-inch o.c.)	-60.0
C-337.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	SBS-AA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-338.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	SBS-AA	PVCF-LO, 12-inch o.c.	-60.0
C-339.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	SBS-AA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-340.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRF-XF	SBS-AA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-341.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-LO (12-inch o.c.)	-60.0
C-342.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-XF	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-343.	Structural concrete	Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-225.0
C-344.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck or DensDeck Prime	LRF-XF	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-240.0
C-345.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	SBS-AA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY*
REFER TO NOTE 15 FOR VAPOR BARRIER OPTIONS

System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
C-346.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA	PVCF-LO (12-inch o.c.)	-60.0
C-347.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-150.0
C-348.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-165.0
C-349.	Structural concrete	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	None	N/A	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-165.0
C-350.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-351.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-187.5
C-352.	Structural concrete	Min. 2.0-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-AA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-225.0
TORCH-APPLIED BASE PLY:								
C-353.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	SBS-TA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-354.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	Hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-232.5
C-355.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	hot asphalt	Min. 0.25-inch DensDeck Prime	hot asphalt	SBS-TA	PVCF-HA	-232.5

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS								
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
C-356.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	hot asphalt	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	hot asphalt	SBS-TA	PVCF-HA	-285.0
C-357.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	SBS-TA	PVCF-LO (12-inch o.c.)	-60.0
C-358.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	SBS-TA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-359.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	SBS-TA	PVCF-LO, 12-inch o.c.	-60.0
C-360.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	SBS-TA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-361.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRF-XF	SBS-TA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-362.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-LO (12-inch o.c.)	-60.0
C-363.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-364.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-365.	Structural concrete	Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-232.5
C-366.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck or DensDeck Prime	LRF-XF	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-240.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY* REFER TO NOTE 14 FOR VAPOR BARRIER OPTIONS								
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
C-367.	Structural concrete	Min. 0.25-inch DensDeck Prime	LRF-XF	None	N/A	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-245.0
C-368.	Structural concrete	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	OB500	SBS-TA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-369.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-TA	PVCF-LO (12-inch o.c.)	-60.0
C-370.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-150.0
C-371.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-TA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-372.	Structural concrete	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, primed with Matrix™ 307 Premium Asphalt Primer	OB500	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-210.0
C-373.	Structural concrete	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-240.0
C-374.	Structural concrete	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch DensDeck Prime	OB500	SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-300.0
SELF-ADHERING BASE PLY:								
C-375.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	SBS-SA	PVCF-LO (12-inch o.c.)	-60.0
C-376.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	SBS-SA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-377.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	SBS-SA	PVCF-LO, 12-inch o.c.	-60.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY* REFER TO NOTE 1.1 FOR VAPOR BARRIER OPTIONS								
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover (Note 15)		MDP (psf)*
		Type	Attach (Notes 6,7,8)	Type	Attach (Notes 6,7,8)	Base Ply	Cap Ply	
C-378.	Structural concrete	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	SBS-SA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-379.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-SA	PVCF-LO (12-inch o.c.)	-60.0
C-380.	Structural concrete	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	SBS-SA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0
C-381.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	PVCF-LO (12-inch o.c.)	-60.0
C-382.	Structural concrete	EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-180.0

TABLE 3C: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*					
System No.	Roof Deck (Note 1)	Primer	Roof Cover (Note 15)		MDP (psf)*
			Base Ply	Cap Ply	
C-383.	Min. 2,500 psi structural concrete	None	None	PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.)	-45.0
C-384.	Min. 2,500 psi structural concrete	None	None	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-385.	Min. 2,500 psi structural concrete	Matrix™ 307 Premium Asphalt Primer	SBS-AA or SBS-TA	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
C-386.	Min. 2,500 psi structural concrete	Matrix™ 307 Premium Asphalt Primer	SBS-AA or SBS-TA	PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-330.0
C-387.	Min. 2,500 psi structural concrete	None	None	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-337.5
C-388.	Min. 2,500 psi structural concrete	Matrix™ 307 Premium Asphalt Primer	None	PVCF-HA	-390.0
C-389.	Min. 2,500 psi structural concrete	Matrix™ 307 Premium Asphalt Primer	None	PVCX-HA	-502.5

TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Attach	Base	Cap	
HYBRID SYSTEMS / EVERGUARD PVC XK FLEECEBACK:								
LWC-1.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. ***Note:*** *Fastener withdrawal;* ***min. 60 lbf*** *per* Note 11.	GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth	Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) SBS-AA or SBS-TA	SBS-FB1-A	-52.5
LWC-2.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. ***Note:*** *Fastener withdrawal;* ***min. 60 lbf*** *per* Note 11.	GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth	Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-AA or SBS-TA	PVCX-OB	-52.5
LWC-3.	Min. 22 ga., type B, Grade 50 steel at max. 6 ft spans; 5/8" puddle welds, 6" o.c. or min. 2,500 psi structural concrete	Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.	Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth	Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck	Fasteners located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row	(Optional) SBS-TA	PVCX-OB	-60.0
LWC-4.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal;* ***min. 95 lbf*** *per* Note 11	Ruberoid 20 Smooth	Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-TA	PVCX-HA	-82.5
LWC-5.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal;* ***min. 95 lbf*** *per* Note 11	GAFGLAS #80 Ultima Base Sheet or GAFGLAS Stratavent Nailable Venting Base Sheet	Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-TA	PVCX-HA	-82.5
HYBRID SYSTEMS / EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK:								
LWC-6.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. ***Note:*** *Fastener withdrawal;* ***min. 60 lbf*** *per* Note 11.	GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth	Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) SBS-AA or SBS-TA	PVCF-HA	-52.5

TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)	Base Sheet			Roof Cover (Note 15)		MDP (psf)
			Type	Fastener (Note 11)	Attach	Base	Cap	
LWC-7.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. ***Note:*** *Fastener withdrawal;* ***min. 60 lbf*** *per* Note 11.	GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth	Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-AA or SBS-TA	PVCF-XF or PVCF-OB	-52.5
LWC-8.	Min. 22 ga., type B, Grade 50 steel at max. 6 ft spans; 5/8" puddle welds, 6" o.c. or min. 2,500 psi structural concrete	Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.	Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth	Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck	Fasteners located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row	(Optional) SBS-TA	PVCF-XF or PVCF-OB	-60.0
LWC-9.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal;* ***min. 95 lbf*** *per* Note 11	Ruberoid 20 Smooth	Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-TA	PVCF-HA or PVCF-XF	-82.5
LWC-10.	Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Teks 5, 6" o.c. or min. 2,500 psi structural concrete	Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal;* ***min. 95 lbf*** *per* Note 11	GAFGLAS #80 Ultima Base Sheet or GAFGLAS Stratavent Nailable Venting Base Sheet	Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail	7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-TA	PVCF-HA or PVCF-XF	-82.5

TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*						
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
		Type	Min. Compressive Strength (psi)	Min. Thick (in)		
CELCORE (NOA 18-0717.05):						
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-11.	Min. 22 ga., Type BV, Grade 40 steel; 6' spans, 5/8" puddle welds 6" o.c.	Deck treatment: Celcore S-1 Deck Preparation Slurry LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture Surface treatment: Celcore PVA Curing Compound	310	2	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-82.5
LWC-12.	Min. 22 ga., Type BV, Grade 40 steel; 6' spans, 5/8" puddle welds 6" o.c.	Deck treatment: Celcore S-1 Deck Preparation Slurry LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture Surface treatment: Celcore PVA Curing Compound	310	2	PVCF-OB	-82.5

TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*						
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
		Type	Min. Compressive Strength (psi)	Min. Thick (in)		
ELASTIZELL (NOA 18-0208.03):						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-13.	Min. 22 ga., 33 ksi, type BV (0.5%) steel; 6' spans, 5/8" puddle welds 6" o.c.	Elastizell	160	3	PVCX-OB	-60.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-14.	Min. 22 ga., 33 ksi, type BV (0.5%) steel; 6' spans, 5/8" puddle welds 6" o.c.	Elastizell	160	3	PVCF-OB	-60.0
MEARLCRETE (NOA 19-0729.03):						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-15.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.	Mearlcrete	290	2	PVCX-WB	-52.5
LWC-16.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.	Mearlcrete	290	2	PVCX-OB	-52.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-17.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.	Mearlcrete	300	2	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-52.5
LWC-18.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.	Mearlcrete	300	2	PVCF-OB	-52.5
LWC-19.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.	Mearlcrete	290	2	PVCF-OB	-52.5
SIPLAST INSULCEL-PB (NOA 21-1020.03):						
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-20.	Min. 22 ga., type B, Grade 80 steel; 6' spans, 5/8" puddle welds 6" o.c.	Inculcel-PB Cellular Lightweight Insulating Concrete	330	2	PVCF-OB	-67.5
PRE-EXISTENT CELLULAR LWC:						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-21.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8-inch puddle welds, 6" o.c.	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCX-WB	-52.5
LWC-22.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8-inch puddle welds, 6" o.c.	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCX-OB	-52.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						

TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*						
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
		Type	Min. Compressive Strength (psi)	Min. Thick (in)		
LWC-23.	Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8-inch puddle welds, 6" o.c.	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCF-OB	-52.5

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*						
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
		Type	Min. Compressive Strength (psi)	Min. Thick (in)		
CELCORE (NOA 18-0717.05):						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-24.	Structural concrete	Celcore Cellular Concrete	200	2	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-300.0
LWC-25.	Structural concrete	Celcore Cellular Concrete	200	2	PVCX-OB	-300.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-26.	Structural concrete	Celcore Cellular Concrete	200	2	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-300.0
LWC-27.	Structural concrete	Celcore Cellular Concrete	200	2	PVCF-OB	-300.0
CONCRECEL (NOA 21-1229.06):						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-28.	Structural concrete	Concrecel	200	2	PVCX-WB	-225.0
LWC-29.	Structural concrete	Concrecel	200	2	PVCX-LM (4-inch o.c.)	-225.0
LWC-30.	Structural concrete	Concrecel	200	2	PVCX-OB	-225.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-31.	Structural concrete	Concrecel	200	2	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-225.0
LWC-32.	Structural concrete	Concrecel	200	2	PVCF-OB	-225.0
ELASTIZELL (NOA 18-0208.03):						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-33.	Structural concrete	Elastizell	300	2	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-45.0
LWC-34.	Structural concrete	Elastizell	220	2	PVCX-WB	-200.0
LWC-35.	Structural concrete	Elastizell	220	2	PVCX-OB	-200.0
LWC-36.	Structural concrete	Elastizell	200	2	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-210.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-37.	Structural concrete	Elastizell	220	2	PVCF-OB	-200.0
LWC-38.	Structural concrete	Elastizell	200	2	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-210.0

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*						
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
		Type	Min. Compressive Strength (psi)	Min. Thick (in)		
SIPLAST INSULCEL (NOA 21-1020.03):						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-39.	Structural concrete	Insulcel	200	2	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-270.0
LWC-40.	Structural concrete	Insulcel	200	2	PVCX-OB	-270.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-41.	Structural concrete	Insulcel	200	2	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-270.0
LWC-42.	Structural concrete	Insulcel	200	2	PVCF-OB	-270.0
LWC-43.	Structural concrete	Inculcel-PB Cellular Lightweight Insulating Concrete	330	2	PVCF-OB	-302.5
MEARLCRETE (NOA 19-0729.03):						
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-44.	Structural concrete	Mearlcrete	730	2	PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)	-45.0
LWC-45.	Structural concrete	Mearlcrete	290	2	PVCX-WB	-205.0
LWC-46.	Structural concrete	Mearlcrete	290	2	PVCX-OB	-205.0
LWC-47.	Structural concrete	Mearlcrete	200	2	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-270.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-48.	Structural concrete	Mearlcrete	290	2	PVCF-OB	-205.0
LWC-49.	Structural concrete	Mearlcrete	200	2	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-270.0
PRE-EXISTENT CELLULAR LWC:						
EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:						
LWC-50.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *MCRF, Drill-Tec™ Base Sheet Fastener (1.7 in.),* ***min. 85 lbf*** *per* Note 11.	230	2	PVC2-QS; total wet rate 4 lbs/square; contact application with ½ to substrate and ½ to membrane backside	-112.5
	Note:	*The reported MDP is the allowable maximum design pressure of the new roof cover adhered to the pre-existent LWC, and is irrespective of the performance of the pre-existent LWC (See Note 12). The deck and pre-existent LWC shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.*				
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:						
LWC-51.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCX-LM (4-inch o.c.)	-92.5
LWC-52.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCX-WB	-102.5
LWC-53.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCX-OB	-102.5

TABLE 4C: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*						
System No.	Deck (Note 1)	Lightweight Concrete (Note 14)			Roof Cover (Note 15)	MDP (psf)*
		Type	Min. Compressive Strength (psi)	Min. Thick (in)		
LWC-54.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCX-LO (4-inch o.c.)	-112.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:						
LWC-55.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCF-LM (4-inch o.c.)	-92.5
LWC-56.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCF-OB	-102.5
LWC-57.	Structural concrete	Pre-existent cellular lightweight insulating concrete; ***Note:*** *Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.);* ***min. 97 lbf*** *per* Note 11	180	2	PVCF-LO (4-inch o.c.)	-112.5

TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
System No.	Deck (Note 1 and 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)		
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:							
CWF-1.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RN, EnergyGuard Ultra Polyiso Insulation, ACFoam III	OB500	(Optional) Additional layers of base insulation	OB500	PVC1-BA	-45.0
CWF-2.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RN, EnergyGuard Ultra Polyiso Insulation, ACFoam III, Min. 2-inch Styrofoam Brand Roofmate or Highload 60	OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-45.0
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:							
CWF-3.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-BA	-45.0
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:							
CWF-4.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	OB500	(Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-QL	-45.0
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:							
CWF-5.	Existing min. 2-inch Tectum	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	OB500	(Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-45.0
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:							
CWF-6.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	LRF-M	(Optional) Additional layers of base insulation	LRF-M	PVCX-LM (12-inch o.c.)	-45.0

TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
System No.	Deck (Note 1 and 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)		
CWF-7.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layers of base insulation	OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
CWF-8.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	(Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
CWF-9.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	(Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (12-inch o.c.)	-45.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:							
CWF-10.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layers base insulation	LRF-M	PVCF-LM (12-inch o.c.)	-45.0
CWF-11.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	(Optional) Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-45.0
CWF-12.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layers base insulation	OB500	PVCF-LO (12-inch o.c.)	-45.0
CWF-13.	Existing min. 2-inch Tectum Plank or Tectum LS Plank	(Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LO (12-inch o.c.)	-45.0

TABLE 5B: CEMENTITOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER				
System No.	Deck (Note 1)	Primer	Roof Cover (Note 15)	MDP (psf)
CWF-14.	Min. 2-inch Tectum Plank	None	PVCF-XF	-502.5
CWF-15.	Min. 2-inch Tectum Plank	None	PVCF-OB	-502.5

TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
System No.	Deck (Note 1 and 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)		
EVERGUARD PVC SMOOTH APPLICATIONS:							
G-1.	Existing gypsum deck	Min. 1-inch EnergyGuard RH	LRF-M	None	N/A	EverGuard PVC Smooth / #2331	-210.0
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:							
G-2.	Existing gypsum deck	Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or DensDeck Prime	OB500	PVC2-BA	-120.0
G-3.	Existing gypsum deck	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or DensDeck Prime	OB500	PVC2-BA	-130.0
G-4.	Existing gypsum deck	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-135.0
G-5.	Existing gypsum deck	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC2-BA	-165.0
G-6.	Existing gypsum deck	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVC2-BA	-187.5
G-7.	Existing gypsum deck	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA	OB500	(Optional) Additional layer of base insulation	OB500	PVC2-BA	-210.0
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:							
G-8.	Existing gypsum deck	Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC2-QL	-120.0
G-9.	Existing gypsum deck	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC2-QL	-130.0
G-10.	Existing gypsum deck	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-135.0
G-11.	Existing gypsum deck	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC2-QL	-165.0
G-12.	Existing gypsum deck	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVC2-QL	-187.5
G-13.	Existing gypsum deck	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	OB500	(Optional) Additional layer of base insulation	OB500	PVC2-QL	-210.0
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:							
G-14.	Existing gypsum deck	Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-120.0

TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
System No.	Deck (Note 1 and 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)		
G-15.	Existing gypsum deck	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-130.0
G-16.	Existing gypsum deck	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-165.0
G-17.	Existing gypsum deck	(Optional) Min. 0.5-inch EnergyGuard Ultra	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-187.5
G-18.	Existing gypsum deck	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA	OB500	(Optional) Additional layer of base insulation	OB500	PVC1-QS or PVC2-QS	-210.0
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:							
G-19.	Existing gypsum deck	Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layers of base insulation	OB500	PVCX-LM (6-inch o.c.)	-45.0

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS:								
G-20.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	PVC1-BA	-45.0*
G-21.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	PVC1-BA	-45.0*
G-22.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC1-BA	-45.0*
G-23.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC1-BA	-45.0*

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-24.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC1-BA	-45.0*
G-25.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	PVC1-BA	-45.0*
G-26.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	PVC1-BA	-45.0*
G-27.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-45.0*
G-28.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-45.0*
G-29.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-45.0*
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:								
G-30.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	PVC2-BA	-45.0*
G-31.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	PVC2-BA	-45.0*

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-32.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-BA	-45.0*
G-33.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-BA	-45.0*
G-34.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-BA	-45.0*
G-35.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	PVC2-BA	-45.0*
G-36.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	PVC2-BA	-45.0*
G-37.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-45.0*
G-38.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-45.0*
G-39.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-45.0*
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:								

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-40.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	PVC2-QL	-45.0*
G-41.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	PVC2-QL	-45.0*
G-42.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-QL	-45.0*
G-43.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-QL	-45.0*
G-44.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-QL	-45.0*
G-45.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	OB500	PVC2-QL	-45.0*
G-46.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	OB500	PVC2-QL	-45.0*
G-47.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-45.0*
G-48.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-45.0*

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-49.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-45.0*
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:								
G-50.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	PVC1-QS or PVC2-QS	-45.0*
G-51.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	PVC1-QS or PVC2-QS	-45.0*
G-52.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime	LRF-M	PVC1-QS or PVC2-QS	-45.0*
G-53.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime	LRF-M	PVC1-QS or PVC2-QS	-45.0*
G-54.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime	LRF-M	PVC1-QS or PVC2-QS	-45.0*
G-55.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	OB500	PVC1-QS or PVC2-QS	-45.0*
G-56.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation	OB500	PVC1-QS or PVC2-QS	-45.0*
G-57.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-45.0*
G-58.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-45.0*

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-59.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-45.0*
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:								
G-60.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-61.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-62.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-63.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (12-inch o.c.)	-45.0*
G-64.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-65.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (12-inch o.c.)	-45.0*
G-66.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-67.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (12-inch o.c.)	-45.0*

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-68.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-69.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-70.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-71.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (12-inch o.c.)	-45.0*
G-72.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-73.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (12-inch o.c.)	-45.0*
G-74.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-75.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (12-inch o.c.)	-45.0*
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:								

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-76.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
G-77.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-45.0*
G-78.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
G-79.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-45.0*
G-80.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
G-81.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-45.0*
G-82.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
G-83.	Existing gypsum deck	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (12-inch o.c.)	-45.0*
G-84.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*

TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF) 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	Type	Attach (Notes 6,7,8)		
G-85.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (12-inch o.c.)	-45.0*
G-86.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
G-87.	Existing gypsum deck	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 3.2 ft²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (12-inch o.c.)	-45.0*

TABLE 6C: GYPSUM DECKS - REROOF (TEAR-OFF) SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
System No.	Deck (Note 1)	Base Insulation Layer	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fastener (Note 11)	Attach		
EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS:							
G-88.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	PVC1-BA	-45.0*
G-89.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVC1-BA	-45.0*
G-90.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	PVC1-BA	-45.0*
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:							
G-91.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	PVC2-BA	-45.0*

TABLE 6c: GYPSUM DECKS - REROOF (TEAR-OFF) SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Insulation Layer	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fastener (Note 11)	Attach		
G-92.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVC2-BA	-45.0*
G-93.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf)	1 per 1.3 ft²	PVC2-BA	-52.5
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:							
G-94.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	PVC2-QL	-45.0*
G-95.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVC2-QL	-45.0*
G-96.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf)	1 per 1.3 ft²	PVC2-QL	-52.5
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:							
G-97.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	PVC1-QS or PVC2-QS	-45.0*
G-98.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 4.0 ft²	PVC1-QS or PVC2-QS	-45.0*
G-99.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf)	1 per 1.3 ft²	PVC1-QS or PVC2-QS	-52.5
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:							

TABLE 6C: GYPSUM DECKS - REROOF (TEAR-OFF) SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER							
System No.	Deck (Note 1)	Base Insulation Layer	Top Insulation Layer			Roof Cover (Note 15)	MDP (psf)
			Type	Fastener (Note 11)	Attach		
G-100.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-101.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
G-102.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard RH	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0*
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:							
G-103.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.0 ft²	PVCF-WB, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB	-45.0*
G-104.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board	1 per 4.0 ft²	PVCF-WB, PVCF-XF or PVCF-OB	-45.0*
G-105.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)	1 per 2.9 ft²	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0*
G-106.	Existing gypsum deck	(Optional) One or more layers, any combination	Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf)	1 per 1.3 ft²	PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB	-52.5

TABLE 6D: GYPSUM DECKS - REROOF (TEAR-OFF) SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*						
System No.	Deck (Note 1 and Note 12)	Surface Preparation	Primer	Roof Cover (Note 15)		MDP (psf)*
				Base Ply	Cap Ply	
G-107.	Existing poured gypsum	None	None	None	PVCX-LM (12-inch o.c.)	-45.0
G-108.	Existing poured gypsum	None	None	None	PVCX-LO (6-inch o.c.)	-45.0
G-109.	Existing poured gypsum	None	None	None	PVCX-OB or PVCF-OB	-280.0

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

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

System No.	Substrate (Note 1 and 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)		
EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:							
R-1.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVC1-BA	-45.0
R-2.	Existing smooth-surfaced BUR	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVC1-BA	-75.0
R-3.	Existing smooth-surfaced BUR	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board	LRF-M	PVC1-BA	-75.0
R-4.	Existing smooth surfaced BUR or granule surfaced roof cover	(Optional) Min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC1-BA	-75.0
R-5.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC1-BA	-165.0
R-6.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVC1-BA	-187.5
R-7.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVC1-BA	-225.0
R-8.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC1-BA	-202.5
R-9.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRF-M	PVC1-BA	-225.0

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

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

System No.	Substrate (Note 1 and 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)		
R-10.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	LRF-M Canister	PVC1-BA	-75.0
R-11.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC1-BA	-165.0
R-12.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVC1-BA	-202.5
R-13.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	None	N/A	PVC1-BA	-225.0
R-14.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime	LRF-M Canister	PVC1-BA	-225.0
R-15.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVC1-BA	-45.0
R-16.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC1-BA	-165.0
R-17.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVC1-BA	-180.0
R-18.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVC1-BA	-180.0
R-19.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board	LRF-XF	PVC1-BA	-180.0
R-20.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVC1-BA	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-21.	Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover	(Optional) Min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-BA	-97.5
R-22.	Existing asphaltic BUR or mineral surfaced cap sheet	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	(Optional) Additional layers of base insulation	OB500	PVC1-BA	-120.0
R-23.	Existing asphaltic BUR or mineral surfaced cap sheet	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-120.0
R-24.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC1-BA	-165.0
R-25.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVC1-BA	-187.5
R-26.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVC1-BA	-202.5
R-27.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVC1-BA	-225.0
R-28.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC1-BA	-225.0
EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:							
R-29.	Existing asphalt BUR or mineral surface cap sheet	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	Hot Asphalt	(Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	Hot asphalt	PVC2-BA	-45.0
R-30.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVC2-BA	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-31.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVC2-BA	-110.0
R-32.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC2-BA	-110.0
R-33.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 6-inch o.c.	PVC2-BA	-157.5
R-34.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, 6-inch o.c.	PVC2-BA	-157.5
R-35.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M, 4-inch o.c.	PVC2-BA	-187.5
R-36.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 4-inch o.c.	PVC2-BA	-200.0
R-37.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC2-BA	-75.0
R-38.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC2-BA	-165.0
R-39.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVC2-BA	-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, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (Note 1 and 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)		
R-40.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	LRF-M	PVC2-BA	-82.5
R-41.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-BA	-75.0
R-42.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-BA	-225.0
R-43.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	LRF-M Canister	PVC2-BA	-75.0
R-44.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC2-BA	-165.0
R-45.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVC2-BA	-200.0
R-46.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	LRF-M Canister	None	N/A	PVC2-BA	-225.0
R-47.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVC2-BA	-225.0
R-48.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVC2-BA	-45.0
R-49.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-BA	-110.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-50.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVC2-BA	-110.0
R-51.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 6-inch o.c.	PVC2-BA	-157.5
R-52.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF, 6-inch o.c.	PVC2-BA	-157.5
R-53.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF, 4-inch o.c.	PVC2-BA	-187.5
R-54.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 4-inch o.c.	PVC2-BA	-200.0
R-55.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC2-BA	-165.0
R-56.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVC2-BA	-180.0
R-57.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	(Optional) Additional layers base insulation	LRF-XF	PVC2-BA	-180.0
R-58.	Existing smooth-surfaced modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-BA	-222.5
R-59.	Existing smooth-surface BUR	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-BA	-262.5

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-60.	Existing granule-surface modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-BA	-270.0
R-61.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRF-XF	PVC2-BA	-130.0
R-62.	Existing smooth-surfaced modified bitumen	(Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-222.5
R-63.	Existing smooth-surface BUR or granule-surface modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	None	N/A	PVC2-BA	-245.0
R-64.	Existing smooth-surface BUR or granule surface modified bitumen	Min. 2-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-BA	-247.5
R-65.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVC2-BA	-45.0
R-66.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layer of base insulation	OB500	PVC2-BA	-110.0
R-67.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-BA	-110.0
R-68.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layer of base insulation	OB500	PVC2-BA	-120.0
R-69.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-BA	-120.0
R-70.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	(Optional) Additional layer of base insulation	OB500, 6-inch o.c.	PVC2-BA	-157.5

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-71.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500, 6-inch o.c.	PVC2-BA	-157.5
R-72.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	OB500, 4-inch o.c.	PVC2-BA	-187.5
R-73.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 4-inch o.c.	(Optional) Additional layer of base insulation	OB500, 4-inch o.c.	PVC2-BA	-200.0
R-74.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-BA	-97.5
R-75.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation	OB500	PVC2-BA	-82.5
R-76.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1.5-inch thick, min. 2.0 pcf Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	OB500	PVC2-BA	-45.0
R-77.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN , min. 2-inch, min. 2.0 pcf Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-120.0
R-78.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-BA	-225.0
EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:							
R-79.	Existing asphalt BUR or mineral surface cap sheet	Min. 1.5-inch EnergyGuard RA	hot asphalt	(Optional) Min. 0.25-inch DensDeck Prime	hot asphalt	PVC2-QL	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-80.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVC2-QL	-45.0
R-81.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVC2-QL	-110.0
R-82.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC2-QL	-110.0
R-83.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 6-inch o.c.	PVC2-QL	-157.5
R-84.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M, 6-inch o.c.	PVC2-QL	-157.5
R-85.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 4-inch o.c.	PVC2-QL	-200.0
R-86.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC2-QL	-75.0
R-87.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC2-QL	-75.0
R-88.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC2-QL	-165.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-89.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-QL	-75.0
R-90.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVC2-QL	-225.0
R-91.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	LRF-M Canister	PVC2-QL	-75.0
R-92.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC2-QL	-165.0
R-93.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVC2-QL	-200.0
R-94.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	LRF-M Canister	None	N/A	PVC2-QL	-225.0
R-95.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVC2-QL	-225.0
R-96.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVC2-QL	-45.0
R-97.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-QL	-110.0
R-98.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC2-QL	-110.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-99.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 6-inch o.c.	PVC2-QL	-157.5
R-100.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF, 6-inch o.c.	PVC2-QL	-157.5
R-101.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 4-inch o.c.	PVC2-QL	-200.0
R-102.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC2-QL	-165.0
R-103.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layers base insulation	LRF-XF	PVC2-QL	-180.0
R-104.	Existing smooth-surfaced modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-QL	-222.5
R-105.	Existing smooth-surface BUR	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-QL	-262.5
R-106.	Existing granule-surface modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC2-QL	-270.0
R-107.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck Prime	LRF-XF	PVC2-QL	-130.0
R-108.	Existing smooth-surfaced modified bitumen	(Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-222.5
R-109.	Existing smooth-surface BUR or granule-surface modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	None	N/A	PVC2-QL	-245.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-110.	Existing smooth-surface BUR or granule surface modified bitumen	Min. 2-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVC2-QL	-247.5
R-111.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVC2-QL	-45.0
R-112.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layer of base insulation	OB500	PVC2-QL	-110.0
R-113.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC2-QL	-110.0
R-114.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	(Optional) Additional layer of base insulation	OB500, 6-inch o.c.	PVC2-QL	-157.5
R-115.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500, 6-inch o.c.	PVC2-QL	-157.5
R-116.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 4-inch o.c.	(Optional) Additional layer of base insulation	OB500, 4-inch o.c.	PVC2-QL	-200.0
R-117.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC2-QL	-97.5
R-118.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1.5-inch, min. 2.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC2-QL	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-119.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN , min. 2-inch, min. 2.0 pcf Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-120.0
R-120.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVC2-QL	-225.0
EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:							
R-121.	Existing asphalt BUR or mineral surface cap sheet	Min. 1.5-inch EnergyGuard RA	hot asphalt	(Optional) Min. 0.25-inch DensDeck Prime	hot asphalt	PVC1-QS or PVC2-QS	-45.0
R-122.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation	LRF-M	None	N/A	PVC1-QS or PVC2-QS	-45.0
R-123.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVC1-QS or PVC2-QS	-110.0
R-124.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC1-QS or PVC2-QS	-110.0
R-125.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 6-inch o.c.	PVC1-QS or PVC2-QS	-157.5
R-126.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M, 6-inch o.c.	PVC1-QS or PVC2-QS	-157.5
R-127.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 4-inch o.c.	PVC1-QS or PVC2-QS	-200.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-128.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVC1-QS or PVC2-QS	-75.0
R-129.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	(Optional) Min. 0.25-inch DensDeck Prime	LRF-M	PVC1-QS or PVC2-QS	-75.0
R-130.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC1-QS or PVC2-QS	-75.0
R-131.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVC1-QS or PVC2-QS	-165.0
R-132.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-M	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime	LRF-M	PVC1-QS or PVC2-QS	-210.0
R-133.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	LRF-M Canister	PVC1-QS or PVC2-QS	-75.0
R-134.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVC1-QS or PVC2-QS	-165.0
R-135.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVC1-QS or PVC2-QS	-200.0
R-136.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	LRF-M Canister	None	N/A	PVC1-QS or PVC2-QS	-225.0
R-137.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVC1-QS or PVC2-QS	-225.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-138.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation	LRF-XF	None	N/A	PVC1-QS or PVC2-QS	-45.0
R-139.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC1-QS or PVC2-QS	-110.0
R-140.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC1-QS or PVC2-QS	-110.0
R-141.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 6-inch o.c.	PVC1-QS or PVC2-QS	-157.5
R-142.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF, 6-inch o.c.	PVC1-QS or PVC2-QS	-157.5
R-143.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 4-inch o.c.	PVC1-QS or PVC2-QS	-200.0
R-144.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVC1-QS or PVC2-QS	-165.0
R-145.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation	LRF-XF	(Optional) Additional layers base insulation	LRF-XF	PVC1-QS or PVC2-QS	-180.0
R-146.	Existing smooth-surfaced modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC1-QS or PVC2-QS	-222.5
R-147.	Existing smooth-surface BUR	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC1-QS or PVC2-QS	-262.5
R-148.	Existing granule-surface modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVC1-QS or PVC2-QS	-270.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-149.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	Min. 1.5-inch EnergyGuard RA, EnergyGuard RH	LRF-XF	Min. 0.25-inch DensDeck Prime	LRF-XF	PVC1-QS or PVC2-QS	-130.0
R-150.	Existing smooth-surface BUR or granule-surface modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	None	N/A	PVC1-QS or PVC2-QS	-245.0
R-151.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation	OB500	None	N/A	PVC1-QS or PVC2-QS	-45.0
R-152.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	OB500	(Optional) Additional layer of base insulation	OB500	PVC1-QS or PVC2-QS	-110.0
R-153.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-110.0
R-154.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	OB500, 6-inch o.c.	(Optional) Additional layer of base insulation	OB500, 6-inch o.c.	PVC1-QS or PVC2-QS	-157.5
R-155.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation	OB500, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500, 6-inch o.c.	PVC1-QS or PVC2-QS	-157.5
R-156.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation	OB500, 4-inch o.c.	(Optional) Additional layer of base insulation	OB500, 4-inch o.c.	PVC1-QS or PVC2-QS	-200.0
R-157.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVC1-QS or PVC2-QS	-97.5

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-158.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-45.0
R-159.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-120.0
R-160.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation	OB500	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime	OB500	PVC1-QS or PVC2-QS	-210.0
EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:							
R-161.	Existing smooth-surfaced BUR	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	N/A	PVCX-WB	-75.0
R-162.	Existing smooth surfaced BUR or granule surfaced roof cover	(Optional) Min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCX-WB	-75.0
R-163.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	N/A	PVCX-WB	-90.0
R-164.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-WB	-75.0
R-165.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layer of base insulation	N/A	PVCX-WB	-90.0
R-166.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-WB	-90.0

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

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

System No.	Substrate (Note 1 and 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)		
R-167.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-WB	-90.0
R-168.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	N/A	PVCX-WB	-90.0
R-169.	Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover	(Optional) Min. 1.5-inch EnergyGuard RH	OB500	Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCX-WB	-97.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:							
R-170.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVCF-WB	-45.0
R-171.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVCF-WB	-75.0
R-172.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVCF-WB	-110.0
R-173.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-WB	-110.0
R-174.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 6-inch o.c.	PVCF-WB	-157.5
R-175.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, 6-inch o.c.	PVCF-WB	-157.5

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-176.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M, 4-inch o.c.	PVCF-WB	-187.5
R-177.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 4-inch o.c.	PVCF-WB	-200.0
R-178.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) 0.5-inch EnergyGuard Polyiso Insulation or min. Min. 1.5-inch EnergyGuard RH	LRF-M	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-WB	-75.0
R-179.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCF-WB	-157.5
R-180.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCF-WB	-187.5
R-181.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-WB	-225.0
R-182.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board	LRF-M Canister	PVCF-WB	-75.0
R-183.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-WB	-157.5
R-184.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVCF-WB	-200.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-185.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH	LRF-M Canister	None	N/A	PVCF-WB	-225.0
R-186.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-WB	-225.0
R-187.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVCF-WB	-45.0
R-188.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVCF-WB	-110.0
R-189.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCF-WB	-110.0
R-190.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 6-inch o.c.	PVCF-WB	-157.5
R-191.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF, 6-inch o.c.	PVCF-WB	-157.5
R-192.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layers base insulation	LRF-XF	PVCF-WB	-180.0
R-193.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF, 4-inch o.c.	PVCF-WB	-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, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-194.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 4-inch o.c.	PVCF-WB	-200.0
R-195.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	OB500	PVCF-WB	-45.0
R-196.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layer of base insulation	OB500	PVCF-WB	-110.0
R-197.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-WB	-110.0
R-198.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	(Optional) Additional layers base insulation	OB500	PVCF-WB	-120.0
R-199.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	(Optional) Additional layer of base insulation	OB500, 6-inch o.c.	PVCF-WB	-157.5
R-200.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500, 6-inch o.c.	PVCF-WB	-157.5
R-201.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	OB500, 4-inch o.c.	PVCF-WB	-187.5
R-202.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 4-inch o.c.	(Optional) Additional layer of base insulation	OB500, 4-inch o.c.	PVCF-WB	-200.0

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

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

System No.	Substrate (Note 1 and 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)		
R-203.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-WB	-97.5
R-204.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-120.0
R-205.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCF-WB	-157.5
R-206.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCF-WB	-187.5
R-207.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	(Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-WB	-225.0
EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:							
R-208.	Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
R-209.	Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0
R-210.	Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
R-211.	Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Min. 0.25-inch DensDeck Prime	LRF-M	PVCX-LO (12-inch o.c.)	-45.0
R-212.	Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0

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

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

System No.	Substrate (Note 1 and 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)		
R-213.	Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (12-inch o.c.)	-45.0
R-214.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0
R-215.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
R-216.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
R-217.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCX-LM (4-inch o.c.)	-180.0
R-218.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime	LRF-M Canister	PVCX-LO, 12-inch o.c.	-45.0
R-219.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-LM or PVCX-LO, 12-inch o.c.	-45.0
R-220.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	None	N/A	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
R-221.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
R-222.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0

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

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

System No.	Substrate (Note 1 and 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)		
R-223.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
R-224.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
R-225.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0
R-226.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
R-227.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch DensDeck Prime	LRF-XF	PVCX-LO (12-inch o.c.)	-45.0
R-228.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
R-229.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (12-inch o.c.)	-45.0
R-230.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0
R-231.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
R-232.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
R-233.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCX-LM (4-inch o.c.)	-180.0

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

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

System No.	Substrate (Note 1 and 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)		
R-234.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
R-235.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-60.0
R-236.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
R-237.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVCX-LO (12-inch o.c.)	-45.0
R-238.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)	-45.0
R-239.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (12-inch o.c.)	-45.0
R-240.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCX-LM or PVCX-LO, 4-inch o.c.	-165.0
R-241.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCX-LM or PVCX-LO, 4-inch o.c.	-180.0
R-242.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)	-180.0
R-243.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCX-LM (4-inch o.c.)	-180.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:							

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-244.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
R-245.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	LRF-M	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
R-246.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
R-247.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
R-248.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
R-249.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
R-250.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Min. 0.25-inch DensDeck Prime	LRF-M	PVCF-LO (12-inch o.c.)	-45.0
R-251.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
R-252.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	LRF-M	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (12-inch o.c.)	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-253.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCF-LM or PVCF-LO, 4-inch o.c.	-165.0
R-254.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCF-LM or PVCF-LO, 4-inch o.c.	-180.0
R-255.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-180.0
R-256.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-LM (4-inch o.c.)	-180.0
R-257.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch DensDeck Prime	LRF-M Canister	PVCF-LO, 12-inch o.c.	-45.0
R-258.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0
R-259.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-45.0
R-260.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
R-261.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-262.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-LM or PVCF-LO, 4-inch o.c.	-165.0
R-263.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-LM or PVCF-LO, 4-inch o.c.	-180.0
R-264.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
R-265.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
R-266.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
R-267.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCF-LM or PVCF-LO, 4-inch o.c.	-165.0
R-268.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCF-LM or PVCF-LO, 4-inch o.c.	-180.0
R-269.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-180.0
R-270.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-LM (4-inch o.c.)	-180.0
R-271.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-272.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 1.5-inch EnergyGuard RA or EnergyGuard RN	OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
R-273.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
R-274.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
R-275.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layer of base insulation	OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-60.0
R-276.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
R-277.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DensDeck Prime	OB500	PVCF-LO (12-inch o.c.)	-45.0
R-278.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)	-45.0
R-279.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (12-inch o.c.)	-45.0
R-280.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCF-LM or PVCF-LO, 4-inch o.c.	-165.0

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

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

System No.	Substrate (Note 1 and 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)		
R-281.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCF-LM or PVCF-LO, 4-inch o.c.	-180.0
R-282.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)	-180.0
R-283.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-LM (4-inch o.c.)	-180.0
EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:							
R-284.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCX-OB	-165.0
R-285.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCX-OB	-180.0
R-286.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCX-OB	-180.0
R-287.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Caniter	PVCX-OB	-165.0
R-288.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCX-OB	-180.0
R-289.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCX-OB	-165.0
R-290.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCX-OB	-180.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-291.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCX-OB	-180.0
R-292.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCX-OB	-165.0
R-293.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCX-OB	-180.0
R-294.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCX-OB	-180.0
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:							
R-295.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	None	N/A	PVCF-XF or PVCF-OB	-45.0
R-296.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	(Optional) Additional layer of base insulation	LRF-M	PVCF-XF or PVCF-OB	-110.0
R-297.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M	PVCF-XF or PVCF-OB	-110.0
R-298.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 6-inch o.c.	PVCF-XF or PVCF-OB	-157.5
R-299.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-M, 6-inch o.c.	PVCF-XF or PVCF-OB	-157.5

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-300.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M, 4-inch o.c.	PVCF-XF or PVCF-OB	-187.5
R-301.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-M, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-M, 4-inch o.c.	PVCF-XF or PVCF-OB	-200.0
R-302.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M	PVCF-XF or PVCF-OB	-165.0
R-303.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-M	Min. 1.5-inch Ultra HD Composite Insulation	LRF-M	PVCF-XF or PVCF-OB	-180.0
R-304.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M	PVCF-XF or PVCF-OB	-180.0
R-305.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	LRF-M	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-M	PVCF-XF	-180.0
R-306.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-M Canister	PVCF-XF or PVCF-OB	-165.0
R-307.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch EnergyGuard Polyiso Insulation	LRF-M Canister	(Optional) Additional layer of base insulation	LRF-M Canister	PVCF-XF or PVCF-OB	-200.0
R-308.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM	LRF-M Canister	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-M Canister	PVCF-XF or PVCF-OB	-180.0
R-309.	Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	None	N/A	PVCF-XF or PVCF-OB	-45.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (Note 1 and 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)		
R-310.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	(Optional) Additional layer of base insulation	LRF-XF	PVCF-XF or PVCF-OB	-110.0
R-311.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF	PVCF-XF or PVCF-OB	-110.0
R-312.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 6-inch o.c.	PVCF-XF or PVCF-OB	-157.5
R-313.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	LRF-XF, 6-inch o.c.	PVCF-XF or PVCF-OB	-157.5
R-314.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	LRF-XF	PVCF-XF or PVCF-OB	-165.0
R-315.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	LRF-XF	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF	PVCF-XF or PVCF-OB	-180.0
R-316.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA	LRF-XF	(Optional) Additional layers base insulation	LRF-XF	PVCF-XF or PVCF-OB	-180.0
R-317.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	LRF-XF, 4-inch o.c.	PVCF-XF or PVCF-OB	-187.5
R-318.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	LRF-XF, 4-inch o.c.	(Optional) Additional layer of base insulation	LRF-XF, 4-inch o.c.	PVCF-XF or PVCF-OB	-200.0

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

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

System No.	Substrate (Note 1 and 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)		
R-319.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRF-XF	PVCF-XF or PVCF-OB	-180.0
R-320.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH	LRF-XF	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRF-XF	PVCF-XF	-180.0
R-321.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	None	N/A	PVCF-XF or PVCF-OB	-45.0
R-322.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	(Optional) Additional layer of base insulation	OB500	PVCF-XF or PVCF-OB	-110.0
R-323.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500	PVCF-XF or PVCF-OB	-110.0
R-324.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	(Optional) Additional layer of base insulation	OB500, 6-inch o.c.	PVCF-XF or PVCF-OB	-157.5
R-325.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 6-inch o.c.	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation	OB500, 6-inch o.c.	PVCF-XF or PVCF-OB	-157.5
R-326.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 4-inch o.c.	Min. 1.5-inch Ultra HD Composite Insulation	OB500, 4-inch o.c.	PVCF-XF or PVCF-OB	-187.5
R-327.	Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation	OB500, 4-inch o.c.	(Optional) Additional layer of base insulation	OB500, 4-inch o.c.	PVCF-XF or PVCF-OB	-200.0

TABLE 7A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
[A] The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	**Substrate** (Note 1 and 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)		
R-328.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation	OB500	PVCF-XF or PVCF-OB	-165.0
R-329.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation	OB500	Min. 1.5-inch Ultra HD Composite Insulation	OB500	PVCF-XF or PVCF-OB	-180.0
R-330.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	PVCF-XF or PVCF-OB	-180.0
R-331.	Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen	(Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN	OB500	Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	PVCF-XF	-180.0

TABLE 7B: STEEL - RECOVER SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER (All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)						
System No.	**Substrate** (Note 1)	**Insulation Layer**	**Attachment**		**Roof Cover** (Note 15B)	**MDP (psf)**
			Fastener (Note 11)	**Spacing**		
R-332.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced **max. 60-inch o.c.**	One or more layers, any combination, preliminarily fastened	Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins	12-inch o.c. along purlins	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-52.5
R-333.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced **max. 72-inch o.c.**	One or more layers, any combination, preliminarily fastened	Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins	6-inch o.c. along purlins	EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.	-75.0

TABLE 7C: STEEL - RECOVER SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)							
System No.	Deck (Note 1)	Insulation		Roof Cover (Note 15A)			MDP (psf)
		Type	Attach	Membrane	Fastener (Note 11)	Attachment	
R-334.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced **max. 120-inch o.c.**	One or more layers, any combination	Prelim. attached	EverGuard PVC or EverGuard PVC KEE	Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate	6-inch o.c. in rows spaced max. 120-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates.	-45.0
R-335.	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced **max. 114-inch o.c.**	One or more layers, any combination	Prelim. attached	EverGuard PVC or EverGuard PVC KEE	Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate	6-inch o.c. in rows spaced max. 114-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates.	-52.5

TABLE 7D: 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 adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.			
System No.	Substrate (Note 1 and Note 12)	Roof Cover (Note 15)	MDP (psf)*[A]
EVERGUARD PVC XK FLEECEBACK APPLICATIONS:			
R-336.	Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen	PVCX-LM or PVCX-LO, 12-inch o.c.	-60.0
R-337.	Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered smooth- or granule-surfaced APP modified bitumen	PVCX-LM or PVCX-LO, 4-inch o.c.	-337.5
R-338.	Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen	PVCF-OB	-337.5
EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS			
R-339.	Existing fully adhered, granule-surfaced asphaltic roof cover	PVCF-LM or PVCF-LO, 12-inch o.c.	-60.0
R-340.	Existing fully adhered granule-surfaced asphaltic roof cover	PVCF-LM, 6-inch o.c.	-67.5
R-341.	Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing smooth- or granule-surfaced APP modified bitumen	PVCF-LM or PVCF-LO, 4-inch o.c.	-330.0
R-342.	Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen	PVCF-XF or PVCF-OB	-330.0
R-343.	Existing fully adhered, granule-surfaced asphaltic roof cover	PVCF-HA	-405.0

TABLE 8A: HILTI PART / SUPPORT THICKNESS LIMITATIONS[i]	
HILTI PART	**STEEL SUPPORTING MEMBER THICKNESS (INCH)**
X-ENP-19 L15, X-ENP-19 L15MX or X-ENP-19 L15MXR	$t \geq 0.25$
X-HSN 24	$0.125 \leq t \leq 0.375$
S-MD 12-24 x 1-5/8 M HWH5	$0.125 < t \leq 0.25$

For mechanically attached single ply membrane over steel deck, where the membrane-fastener row-spacing is greater than one-half of the deck span, up to maximum 138-inch o.c., the above noted Hilti parts may be used in lieu of the the listed ITW #12 HWH Teks 5 fasteners.

For other applications, refer to Table 8B below.

TABLE 8B: HILTI PART / TYPE B STEEL DECK ATTACHMENT-SPAN LIMITATIONS[i]

Limited to fully or partially adhered roof coverings or when the membrane-fastener row-spacing is less than or equal to one-half of the deck span.

HILTI PART	MAX. SPACING (INCH O.C.)	MAX. ALLOWABLE DESIGN PRESSURE (PSF)	MAX. DECK SPAN (INCHES)					
			Min. 22 ga. steel		Min. 20 ga. steel		Min. 18 ga. steel	
			Min. 33 ksi	Min. 80 ksi	Min. 33 ksi	Min. 80 ksi	Min. 33 ksi	Min. 80 ksi
X-ENP-19 L15 X-ENP-19 L15MX X-ENP-19 L15MXR X-HSN 24 or S-MD 12-24 x 1-5/8 M HWH5	12	-45.0	72	72	72	72	72	72
	6	-82.5	72	72	72	72	72	72
	6	-90.0	68	72	72	72	72	72
	6	-97.5	63	72	72	72	72	72
	6	-105.0	59	72	72	72	72	72
	6	-112.5	55	72	67	72	72	72
	6	-120.0	51	72	63	72	72	72
	6	-127.5	48	72	59	72	72	72
	6	-135.0	45	72	56	72	72	72
	6	-142.5	43	72	53	72	72	72
	6	-150.0	41	72	50	72	69	72
	6	-157.5	39	71	48	72	65	72
	6	-165.0	37	68	46	72	62	72

[i] Information is provided as guidance for use at the discretion of the Designer or Record and Authority Having Jurisdiction. Neither NEMO|etc. nor Robert Nieminen, P.E.purport to evaluate Hilti fasteners for compliance with the Florida Building Code.