



MIAMI-DADE COUNTY  
**PRODUCT CONTROL SECTION**  
 11805 SW 26 Street, Room 208  
 Miami, Florida 33175-2474  
 T (786)315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
 BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

**Holcim Solutions and Products US, LLC**  
**26 Century Boulevard, Suite 205**  
**Nashville, TN 37214**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Elevate EPDM Single Ply Roof Systems over Concrete Decks.**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA 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 NOA renews and revises NOA No. 19-0313.06 and consists of pages 1 through 17.  
 The submitted documentation was reviewed by Jorge L. Acebo.

11/13/25



NOA No.: 23-0801.08  
 Expiration Date: 08/10/28  
 Approval Date: 11/13/25  
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## ROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Single Ply  
**Material:** EPDM  
**Deck Type:** Concrete  
**Maximum Design Pressure:** -360 psf.

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
FullForce EPDM	60 mil	ASTM D4637 Type I	Non-Reinforced EPDM membrane with a factory-applied pressure sensitive adhesive on the back side.
RubberGard EcoWhite <sup>®</sup>	60 & 90 mil	ASTM D4637 Type I	Non-Reinforced, bi-laminate, white on black EPDM membrane.
RubberGard EcoWhite <sup>®</sup> PT	60 mil	ASTM D4637 Type I	Non-Reinforced, bi-laminate, white on black EPDM membrane with QuickSeam Tape.
EPDM FormFlash	various	ASTM D4811	Self-curing EPDM flashing.
Reinforced Perimeter Fastening Strip	.045" x 6" x 100'	ASTM D4637	Non-dusted EPDM reinforced strip for non-penetrating base tie-in details.
BA-2004 T	5 gallon pail	Proprietary	Neoprene based bonding adhesive.
Single-Ply LVOC Bonding Adhesive	5 gal. pail	Proprietary	Solvent based bonding adhesive.
Single-Ply LVOC Bonding Adhesive 1168	5 gal. pail	Proprietary	Solvent based bonding adhesive.
Water Based Bonding Adhesive-P	5 gal. pail	Proprietary	Water based bonding adhesive.
Single-Ply QuickPrime Primer	3 gal. pail	Proprietary	Solvent based primer used to clean EPDM.
EcoWhite <sup>®</sup> QuickSeam Splice Tape	3" x 100' 6" x 100'	Proprietary	Tape for field splicing.
I.S.O. Stick	5 gal. & 1500 ml	Proprietary	A dual component polyurethane adhesive.



<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
I.S.O. Twin Pack Insulation Adhesive	1500 ml	Proprietary	A dual component polyurethane adhesive.
QuickPrime Plus	1 gallon and 3 gallon pails	Proprietary	Primer used to clean and prime EPDM.
Single-Ply LVOC Primer	1 gallon and 3 gallon pails	Proprietary	Primer used to clean and prime EPDM.
QuickSeam Flashing	.080" x various widths x 100'	Proprietary	Semi-cured EPDM flashing laminated to cure seam tape.
QuickSeam Batten Cover	.095" x various widths x 100'	Proprietary	Cured EPDM and a seam adhesive laminate.
QuickSeam Joint Cover	.070" x 5.75" diameter	Proprietary	FormFlash with two layers of butyl/EPDM adhesive tape laminate.
QuickSeam Tape	3" x 100'	Proprietary	Tape for field splicing.
QuickSeam R.M.A. Strip	10" x 100'	Proprietary	Strip of RubberGard with QuickSeam Tape for anchoring membrane to substrate.
Splice Wash SW-100	5 gallon pail	Proprietary	Cleaning and prep solution for EPDM .
Pourable Sealer S-10	.78 gallon, Part A .10 gallon, Part B	Proprietary	Two part polyurethane sealant.
V-Force	45" x 133.8'	Proprietary	SBS modified vapor barrier sheet with woven polyethylene top surfacing and self-adhesive backing.

**APPROVED INSULATIONS:**

**TABLE 2**

<u>Product Name</u>	<u>Product Description</u>	<u>Manufacturer (With Current NOA)</u>
ISO 95+ GL, ISO 95+ GL Tapered	Isocyanurate Insulation	Holcim Solutions and Products US, LLC
ISOGARD HD	High density Polyisocyanurate for use as a cover board	Holcim Solutions and Products US, LLC
DensDeck Prime	Silicon treated gypsum	Georgia Pacific Gypsum LLC
SECUROCK Gypsum-Fiber Roof Board	Gypsum fiber roof board	USG Corp.



**EVIDENCE SUBMITTED:**

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>	
FM Approvals	1T7A3.AM	FM 4470	01/18/92	
	1V6A9.AM	FM 4470	02/27/92	
	1V1A7.AM	FM 4470	06/25/92	
	1W3A4.AM	FM 4470	12/01/92	
	2W6A2.AM	FM 4470	06/25/93	
	2X9A8.AM	FM 4470	06/14/94	
	3014031	FM 4470	07/22/02	
	3010822	FM 4470	07/31/02	
	3011282	FM 4470	08/08/02	
	3017797	FM 4470	10/07/04	
	3028164	FM 4470	11/02/07	
	3031293	FM 4470	11/29/07	
	3029384	FM 4470	02/28/08	
	3033218	FM 4470	08/12/08	
	3035017	FM 4470	04/15/09	
	3036256	FM 4470	04/27/09	
	3035560	FM 4470	01/11/10	
	3038442	FM 4470	11/18/10	
	3041949	FM 4470	06/10/11	
	3042909	FM 4470	08/03/11	
	3038770	FM 4470	08/04/11	
	3038191	FM 4470	08/04/11	
	3043994	FM 4470	02/15/12	
	3045334	FM 4470	06/11/12	
	3041939	FM 4470	08/14/12	
	3047398	FM 4470	08/15/13	
	3052559	FM 4470	03/04/15	
	3063586	FM 4470	08/30/18	
	UL LLC	R9516	UL790	10/07/25
	PRI Construction Materials Technologies LLC	FBP-136-02-01	Physical Properties	10/01/13
FBP-162-02-01.1		Physical Properties	05/15/14	
FBP-044-02-01.9		TAS 117-B/TAS 114-H/J	06/01/17	
FBP-079-02-02		Physical Properties	06/25/18	
FBP-281-02-02		ASTM D4637	10/18/18	
Trinity ERD	F12260.02.09-2	TAS 114	02/04/09	
	F9240.03.09-R2	ASTM D4637	07/30/09	
	F9240.11.08-R1	ASTM D4637	07/10/09	
	F9240.07.08-R2	ASTM D4637	07/10/09	
	F13260.08.09-1	ASTM D4637	08/07/09	
	F45950.05.14	ASTM D4637	05/13/14	



**APPROVED ASSEMBLIES**

- Membrane Type:** EPDM, Reinforced, Non-reinforced
- Deck Type 3I:** Concrete, Insulated
- Deck Description:** 2500 psi or greater structural concrete or concrete plank
- System Type A(1):** One or more layers of insulation adhered with approved asphalt; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISO 95+ GL Minimum 1.5” thick	N/A	N/A

**Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of base sheet. All insulation shall be adhered in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft<sup>2</sup>. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels used as a top layer shall be placed with the polyisocyanurate side facing down.**

- Fire Barrier:** (Optional) Install one or two plies of UL Classified or FM Approved ply or base sheet directly to the primed concrete deck with hot asphalt at an application rate of 20-40 lbs./sq.
- Membrane:** Fully adhere RubberGard EcoWhite or Rubber EcoWhite PT membrane to the insulation with BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal.  
  
Or  
  
FullForce EPDM membrane, self-adhered. Minimum 3” roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.
- Maximum Design Pressure:** -45 psf. (See General Limitation #9)



**Membrane Type:** EPDM, Reinforced, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(2):** One or more layers of insulation adhered with approved asphalt; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO 95+ GL Minimum 1.5" thick</b>	N/A	N/A
<b>Middle Insulation Layer (Optional)</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>Tapered ISO 95+ GL Minimum ½" thick start with a ¼ : 12 taper</b>	N/A	N/A
<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board Minimum ¼" thick</b>	N/A	N/A

**Note: All insulation shall be adhered in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft<sup>2</sup>. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels used as a top layer shall be placed with the polyisocyanurate side facing down.**

**Membrane:** Fully adhere RubberGard EcoWhite or Rubber EcoWhite PT membrane to the insulation with BA 2004 T or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal.

Or

FullForce EPDM membrane, self-adhered. Minimum 3" roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -165 psf. (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(3):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISO 95+ GL Minimum 1.5" thick	N/A	N/A
Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISOGARD HD Minimum ½" thick	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Stick Insulation Adhesive applied in ¾" to 1" wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** Elevate RubberGard EcoWhite or RubberGard EcoWhite PT EPDM membrane fully adhered to the cover board with BA 2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal. The roof cover side and end laps are sealed with QuickSeam Tape.

**Maximum Design Pressure:** -247 psf. (See General Limitation #9)  
-112.5 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive (See General Limitation #9)  
-225 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive 1168 (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(4):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISO 95+ GL Minimum 1.5" thick	N/A	N/A
Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISOGARD HD Minimum ½" thick	N/A	N/A

**Note: All insulation layer shall be adhered with Elevate I.S.O. Twin Pack Insulation Adhesive applied in ½ to ¾ in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** ElevateRubberGard EcoWhite or RubberGard EcoWhite PT EPDM membrane fully adhered to the cover board with BA 2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal. The roof cover side and end laps are sealed with QuickSeam Tape.

**Maximum Design Pressure:** -222 psf. Membrane attachment with BA 2004 T or Single-Ply LVOC Bonding Adhesive 1168 (See General Limitaion #9)  
-112.5 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive (See General Limitation #9)



**Membrane Type:** EPDM, Reinforced, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(5):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

**Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of vapor retarder.**

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO 95+ GL Minimum 1.5" thick</b>	N/A	N/A
<b>Middle Insulation Layer (Optional)</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO 95+ GL Minimum 1.5" thick</b>	N/A	N/A
<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board Minimum ¼" thick</b>	N/A	N/A

**Note: All insulation shall be adhered with Elevate I.S.O. Twin Pack Insulation Adhesive applied in ½ to ¾ in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** Elevate RubberGard EcoWhite or RubberGard EcoWhite PT EPDM membrane fully adhered to the cover board with BA 2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal. The roof cover side and end laps are sealed with QuickSeam Tape.  
 Or  
 FullForce EPDM membrane, self-adhered. Minimum 3" roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -232.5 psf. Membrane attachment with BA 2004 T, Single-Ply LVOC Bonding Adhesive 1168 or self-adhered (See General Limitation #9)  
 -112.5 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(6):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
<b>ISOGARD HD</b> Minimum ½” thick	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Stick Insulation Adhesive applied in ¾ in. – 1 in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** Elevate RubberGard EcoWhite or RubberGard EcoWhite PT EPDM membrane fully adhered to the cover board with BA 2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal. or Water Based Bonding Adhesive-P roller applied at a rate of 120 ft<sup>2</sup>/gal. The minimum 3” side and end laps for RubberGard EcoWhite and RubberGard EcoWhite PT are sealed with EcoWhite QuickSeam Tape. The minimum 3” side and end laps for all RubberGard membranes are sealed with QuickSeam Tape.

Or

FullForce EPDM membrane, self-adhered. Minimum 3” roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -360 psf. Membrane attachment with BA 2004 T, Single-Ply LVOC Bonding Adhesive or self-adhered (See General Limitation #9)  
-225 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive 1168 (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(7):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO 95+ GL Minimum 1.5" thick</b>	N/A	N/A
<b>Middle Insulation Layer (Optional)</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO 95+ GL Minimum 1.5" thick</b>	N/A	N/A
<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO GARD HD Minimum 1/2" thick</b>	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Twin Pack Adhesive applied in 1/2 in.- 3/4 in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** Elevate RubberGard EcoWhite or RubberGard EcoWhite PT EPDM membrane fully adhered to the cover board with BA 2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal. The minimum 3" side and end laps for RubberGard EcoWhite and RubberGard EcoWhite PT are sealed with EcoWhite QuickSeam Tape. The minimum 3" side and end laps for all RubberGard membranes are sealed with QuickSeam Tape.  
 Or  
 FullForce EPDM membrane, self-adhered. Minimum 3" roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -247.5 psf. Membrane attachment with BA 2004 T or self-adhered (See General Limitation #9)  
 -225 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive 1168 (See General Limitation #9)  
 -112.5 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(8):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
ISO 95+ GL Minimum 1.5” thick	N/A	N/A
<b>Middle Insulation Layer (Optional)</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
ISO 95+ GL Minimum 1.5” thick	N/A	N/A
<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
ISOGARD HD Minimum ½” thick	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Stick Adhesive applied in ¾ in. – 1 in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** Elevate RubberGard EcoWhite or RubberGard EcoWhite PT EPDM membrane fully adhered to the cover board with BA 2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 at a rate of 60 sq. ft./gal. The minimum 3” side and end laps for RubberGard EcoWhite and RubberGard EcoWhite PT are sealed with EcoWhite QuickSeam Tape. The minimum 3” side and end laps for all RubberGard membranes are sealed with QuickSeam Tape.  
 Or  
 FullForce EPDM membrane, self-adhered. Minimum 3” roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -322.5 psf. Membrane attachment with BA 2004 T or self-adhered (See General Limitation #9)  
 -225 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive 1168 (See General Limitation #9)  
 -112.5 psf. Membrane attachment with Single-Ply LVOC Bonding Adhesive (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank  
**System Type A(9):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

<b>Base Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO 95+ GL Minimum 1.5" thick</b>	N/A	N/A
<b>Middle Insulation Layer (Optional)</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO 95+ GL Minimum 1.5" thick</b>	N/A	N/A
<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO GARD HD Minimum ½" thick</b>	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Stick Adhesive applied in ¾ in. – 1 in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** Elevate RubberGard EcoWhite or RubberGard EcoWhite PT EPDM membrane fully adhered to the cover board with Elevate Water Based Bonding Adhesive-P roller applied at a rate of 120 ft<sup>2</sup>/gal. The minimum 3" side and end laps for RubberGard EcoWhite and RubberGard EcoWhite PT are sealed with EcoWhite QuickSeam Tape. The minimum 3" side and end laps for all RubberGard membranes are sealed with QuickSeam Tape.  
 Or  
 FullForce EPDM membrane, self-adhered. Minimum 3" roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -277.5 psf. (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced

**Deck Type 3I:** Concrete, Insulated

**Deck Description:** 2500 psi or greater structural concrete or concrete plank primed with Elevate SA-SOLVENT BASE PRIMER roller applied at a rate of 0.5 gal/sq.

**System Type A(10):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**Vapor Retarder:** Elevate V-Force vapor retarder self-adhered to concrete deck primed with Elevate SA-SOLVENT BASE PRIMER.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISO 95+ GL Minimum 1.5" thick	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Twin Pack Adhesive applied in 1/2 in. – 3/4 in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** FullForce EPDM membrane, self-adhered. Minimum 3" roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -337.5 psf. (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced

**Deck Type 3I:** Concrete, Insulated

**Deck Description:** 2500 psi or greater structural concrete or concrete plank primed with Elevate SA-SOLVENT BASE PRIMER roller applied at a rate of 0.5 gal/sq.

**System Type A(11):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.

**Vapor Retarder:** Elevate V-Force vapor retarder self-adhered to concrete deck primed with Elevate SA-SOLVENT BASE PRIMER.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISO 95+ GL Minimum 1” thick	N/A	N/A
Top Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft <sup>2</sup>
ISO 95+ GL Minimum 1.5” thick	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Stick Adhesive applied in 3/4 in. – 1 in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** FullForce EPDM membrane, self-adhered. Minimum 3” roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -262.5 psf. (See General Limitation #9)



**Membrane Type:** EPDM, Non-reinforced  
**Deck Type 3I:** Concrete, Insulated  
**Deck Description:** 2500 psi or greater structural concrete or concrete plank primed with Elevate SA-SOLVENT BASE PRIMER roller applied at a rate of 0.5 gal/sq.  
**System Type A(12):** One or more layers of insulation adhered with approved adhesive; membrane fully adhered.  
**Vapor Retarder:** Elevate V-Force vapor retarder self-adhered to concrete deck primed with Elevate SA-SOLVENT BASE PRIMER.

**All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.**

<b>Base Insulation Layer (Optional)</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>Tapered ISO 95+ GL Minimum ½” thick with ¼:12 taper</b>	N/A	N/A
<b>Top Insulation Layer</b>	<b>Insulation Fasteners (Table 3)</b>	<b>Fastener Density/ft<sup>2</sup></b>
<b>ISO GARD HD Minimum ½” thick</b>	N/A	N/A
<b>Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board Minimum ¼” thick</b>	N/A	N/A
<b>Plywood Minimum 19/32” thick</b>	N/A	N/A

**Note: All insulation layers shall be adhered with Elevate I.S.O. Stick Adhesive applied in ¾ in. – 1 in. wide ribbons spaced 12 in. o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.**

**Membrane:** FullForce EPDM membrane, self-adhered. Minimum 3” roof cover side and end laps are sealed with QuickPrime Plus, Single-Ply QuickPrime Primer or Single-Ply LVOC Primer or factory applied pressure sensitive adhesive.

**Maximum Design Pressure:** -262.5 psf. (See General Limitation #9)



## CONCRETE DECK SYSTEM LIMITATIONS:

- 1 If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine fastener 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 signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.

## GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq. **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117 and/or RAS 137. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

**END OF THIS ACCEPTANCE**