



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
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## NOTICE OF ACCEPTANCE (NOA)

Owens Corning Roofing and Asphalt, LLC  
One Owens Corning Parkway  
Toledo, OH 43659

### 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: DeckSeal™ Low Slope Roofing System over Wood 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 NOA# 16-0203.01 and consists of pages 1 through 8.  
The submitted documentation was reviewed by Alex Tigera.



NOA No.: 22-0329.02  
Expiration Date: 05/18/27  
Approval Date: 05/19/22  
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## ROOFING ASSEMBLY APPROVAL

<b><u>Category:</u></b>	Roofing
<b><u>Sub-Category:</u></b>	Modified Bitumen
<b><u>Materials</u></b>	SBS
<b><u>Deck Type:</u></b>	Wood
<b><u>Maximum Design Pressure</u></b>	-112.5 psf

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

TABLE 1

<b><u>Product</u></b>	<b><u>Dimensions</u></b>	<b><u>Test Specification</u></b>	<b><u>Product Description</u></b>
DeckSeal™ MA Nailbase	65' 2" x 3' 3-3/8"	ASTM D 6163, Type I	SBS modified asphalt coated fiberglass reinforced base sheet.
DeckSeal™ SA Base/Ply	66' 8" x 3' 3-3/8"	ASTM D 6163, Type I	Self-adhered, fiberglass reinforced, SBS modified bitumen membrane with a self-adhering back face and a smooth top surface.
DeckSeal™ SA Base/Ply FR	66' 8" x 3' 3-3/8"	ASTM D 6163, Type I	Self-adhered, fire-resistant, fiberglass reinforced, SBS modified bitumen membrane with a self-adhering back face and a smooth top surface.
DeckSeal™ SA SBS Cap	32' 10" x 3' 3-3/8"	ASTM D 6164, Type I	Self-adhered, fiberglass reinforced, SBS modified bitumen membrane with a self-adhering back face and a granule top surface.
DeckSeal™ SA SBS Cap FR	32' 10" x 3' 3-3/8"	ASTM D 6164, Type I	Self-adhered, fire-resistant, polyester reinforced, SBS modified bitumen membrane with a self-adhering back face and a granule top surface.

### APPROVED INSULATIONS:

TABLE 2

<b><u>Product Name</u></b>	<b><u>Product Description</u></b>	<b><u>Manufacturer (With Current NOA)</u></b>
ACFoam-II	Polyisocyanurate foam insulation	Atlas Roofing Corp
ACFoam-III	Polyisocyanurate foam insulation	Atlas Roofing Corp
H-Shield	Polyisocyanurate foam insulation	Hunter Panels, LLC
H-Shield CG	Polyisocyanurate/perlite composite insulation	Hunter Panels, LLC
ENRGY-3	Polyisocyanurate foam insulation	Johns Manville Corp.
Multi-Max FA-3	Polyisocyanurate foam insulation	Rmax Operating, LLC.



**APPROVED FASTENERS:****TABLE 3**

<b><u>Fastener Number</u></b>	<b><u>Product Name</u></b>	<b><u>Product Description</u></b>	<b><u>Dimensions</u></b>	<b><u>Manufacturer (With Current NOA)</u></b>
1.	Dekfast Fasteners 12, 14 & 15 HS	Insulation fastener for wood, steel and concrete decks		SFS Intec, Inc.
2.	Dekfast Galvalume Steel Hex Plate	Galvalume hex stress plate.	2 7/8" x 3 1/4"	SFS Intec, Inc.
3.	#14 Roofgrip	Insulation and membrane fastener	Various	OMG, Inc.
4.	Flat Bottom Metal Plate	A2-SS aluminized steel plate	3" square	OMG, Inc.
5.	Trufast #14 HD Fastener	Insulation fastener for steel and wood decks		Altenloh, Brinck & Co. U.S., Inc.
6.	Trufast 3" Metal Insulation Plate	Round Galvalume AZ50 steel plate	3.23 round 3" round	Altenloh, Brinck & Co. U.S., Inc.

**EVIDENCE SUBMITTED:**

<b><u>Test Agency</u></b>	<b><u>Test Name/Report</u></b>	<b><u>Report No.</u></b>	<b><u>Date</u></b>
Trinity   ERD	FM 4474 & TAS 114 (J)	P1738.03.06	03/23/16
	FM 4474 & TAS 114 (J)	P9260.03.16	03/23/16
	FM 4474 & TAS 114 (J)	P30540.03.16	03/23/16
	TAS 114 (J) & TAS 117 (B)	P11757.03.16	03/23/16
	TAS 114 (J) & TAS 117 (B)	P41630.03.16	03/23/16
	ASTM D6163	P37590.03.16-1	03/23/16
	ASTM D6164	P37590.03.16-2	03/23/16
PRI Construction Materials Technologies	ASTM D6163	PUSA-187-02-01	03/06/17

## APPROVED ASSEMBLIES:

<b>Membrane Type:</b>	SBS
<b>Deck Type II:</b>	Wood, Insulated
<b>Deck Description:</b>	<sup>19</sup> / <sub>32</sub> " or greater plywood or wood plank.
<b>System Type A(1):</b>	All insulation layers are adhered to a mechanically attached anchor sheet. Membrane is subsequently adhered to insulation.

**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>Anchor Sheet:</b>	One ply of DeckSeal™ MA Nailbase fastened as below:
<b>Fastening:</b>	12 ga. Annular ring shank nails and 1-5/8" tin-caps attached 6" o.c. in 4" lap and 6" o.c. in four equally spaced staggered rows.

<b><u>Base Insulation Layer</u></b>	<b><u>Insulation Fasteners (Table 3)</u></b>	<b><u>Fastener Density/ft<sup>2</sup></u></b>
ACFoam-II, ACFoam-III, H-Shield, H-Shield CG, Multi-Max FA-3, ENRGY 3 Minimum 2" thick	N/A	N/A

**Note: All insulation shall be adhered to the anchor sheet with Millennium One-Step Foamable Adhesive applied over rows of tin-caps in continuous rows 7" o.c. 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 may be used as a top layer placed with the polyisocyanurate side facing down.**

<b>Base Sheet:</b>	One or more plies DeckSeal™ SA Base/Ply or DeckSeal™ SA Base/Ply FR, self-adhered.
<b>Membrane:</b>	One ply of DeckSeal™ SA SBS Cap or DeckSeal™ SA SBS Cap FR, self-adhered.
<b>Maximum Design Pressure:</b>	-60 psf; (See general limitation #7.)



**Membrane Type:** SBS

**Deck Type 1:** Wood, Non-Insulated

**Deck Description:** <sup>19</sup>/<sub>32</sub>" or greater plywood or wood plank fastened with #8 wood screws at 6" o.c.

**System Type E(1):** Base sheet is mechanically attached to roof deck. Membranes subsequently adhered to insulation.

**All General and System Limitations apply.**

**Base Sheet:** One ply of DeckSeal™ MA Nailbase fastened to the deck as described below:

**Fastening #1:** Attach base sheet using 11 ga. annular ring shank nails and 1-5/8" diameter tin caps spaced 6" o.c. in a 4" lap and 6" o.c. in four equally spaced staggered rows in the center of the sheet.  
*(Meets Maximum Design Pressure of -112.5 psf. See General Limitation #7)*

**Fastening #2:** Attach base sheet using OMG #14 Roofgrip fasteners and Flat Bottom Metal Plates, Dekfast #14 with Dekfast Galvalume Steel Hex Plates, Polygrip Fasteners #14 with Polygrip Hex Plates or Trufast #14 HD Fasteners with Trufast 3" Metal Insulation Plates spaced 12" o.c. in a 4" lap and 12" o.c. in two equally spaced staggered rows in the center of the sheet.  
*(Meets Maximum Design Pressure of -60 psf. See General Limitation #7)*

**Ply Sheet:** One or more plies of DeckSeal™ SA Base/Ply or DeckSeal™ SA Base/Ply FR self-adhered.

**Membrane:** One ply of DeckSeal™ SA SBS Cap or DeckSeal™ SA SBS Cap FR, self-adhered.

**Maximum Design Pressure:** See Fastening Requirements Above



**Membrane Type:** SBS  
**Deck Type 1:** Wood, Non-Insulated  
**Deck Description:** 19/32" or greater plywood or wood plank, fastened at 24" spans with 8d ring shank nails at 6" o.c. at edges and intermediate supports.  
**System Type E(2):** Base sheet is mechanically attached to roof deck. Membranes subsequently adhered to insulation.

**All General and System Limitations apply. R**

**Base Sheet:** One ply of DeckSeal™ MA Nailbase fastened to the deck as described below:  
**Fastening:** Attach base sheet using 11 ga. annular grooved shank and 1" diameter caps spaced 6" o.c. in a 3" lap and 6" o.c. in four equally spaced staggered center rows.  
**Membrane:** One ply of DeckSeal™ SA SBS Cap or DeckSeal™ SA SBS Cap FR, self-adhered.  
**Maximum Design Pressure:** -52.5 psf; (See General Limitation #7)



**Membrane Type:** SBS  
**Deck Type 1:** Wood, Non-Insulated  
**Deck Description:** <sup>19</sup>/<sub>32</sub>" or greater plywood or wood plank, fastened with #8 wood screws at 6" o.c  
**System Type E(3):** Base sheet is mechanically attached to roof deck. Membranes subsequently adhered to insulation.

**All General and System Limitations apply.**

**Base Sheet:** One ply of DeckSeal™ MA Nailbase fastened to the deck as described below:  
**Fastening:** Attach base sheet using OMG #14 Roofgrip fasteners and Flat Bottom Metal Plates spaced 12" o.c. in a 4" lap and 12" o.c. in two equally spaced staggered rows in the center of the sheet.  
**Ply Sheet:** One or more plies of DeckSeal™ SA Base/Ply or DeckSeal™ SA Base/Ply FR, self-adhered.  
**Membrane:** One ply of DeckSeal™ SA SBS Cap or DeckSeal™ SA SBS Cap FR, self-adhered.  
**Maximum Design Pressure:** -60 psf; (See General Limitation #7)



## WOOD DECK SYSTEM LIMITATIONS:

1. A slip sheet is required with Ply 4 and Ply 6 when used as a mechanically fastened base or anchor sheet.

## 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 side lap 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 Professional Engineer, Registered 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. 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 to 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**