



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

## NOTICE OF ACCEPTANCE (NOA)

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)

Henry A Carlisle Company  
100 Enterprise Drive  
Cartersville, GA 30120

### 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:** PremiR+ EVO 70™ Spray Polyurethane Roofing Foam over Steel Decks.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city and state of manufacturing facility, 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. 19-1209.48 and consists of pages 1 through 7.

The submitted documentation was reviewed by Jorge L. Acebo.

02/13/25



NOA No.: 24-0610.05  
Expiration Date: 12/24/29  
Approval Date: 02/13/25  
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## ROOFING SYSTEM APPROVAL

<b><u>Category:</u></b>	Roofing
<b><u>Sub-Category:</u></b>	Spray Applied Polyurethane Roof System
<b><u>Materials:</u></b>	Polyurethane
<b><u>Deck Type:</u></b>	Steel
<b><u>Maximum Design Pressure:</u></b>	-187.5 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 Specifications</u></b>	<b><u>Product Description</u></b>
PremiR+ EVO 70™	3.0 lb./ft <sup>3</sup> density	TAS 110	Two-component spray applied polyurethane foam intended for roofing applications.

## APPROVED INSULATIONS:

TABLE 2

<b>Product Name</b>	<b>Product Description</b>	<b>Manufacturer (With Current NOA)</b>
Securock® Gypsum-Fiber Roof Board	A rigid, gypsum-based board stock for use as an overlayment, underlayment or bonding surface.	USG Corporation

## APPROVED FASTENERS:

TABLE 3

<b><u>Fastener Number</u></b>	<b><u>Product Name</u></b>	<b><u>Product Description</u></b>	<b><u>Manufacturer (with current NOA)</u></b>
1.	OMG XHD	Roofing Fastener	OMG, Inc.
2.	Accutrac Flat Bottom Plates	Insulation Fastener Plate	OMG, Inc.

## EVIDENCE SUBMITTED:

<b><u>Test Agency</u></b>	<b><u>Test Name/Report</u></b>	<b><u>Test Identifier</u></b>	<b><u>Date</u></b>
PRI Construction Materials Technologies, LLC	TAS 114-J	447T0168	11/19/24
	TAS 114-J	447T0170	12/02/24
	TAS 114-J	447T0171	12/17/24
R&D Services, Inc.	TAS 110	RD24063-R2	04/09/24
UL LLC	UL 790	TGFU.R26705	06/26/24

## DECK STRESS ANALYSIS CALCULATIONS/REPORTS

<b><u>Engineer/Agency</u></b>	<b><u>Identifier</u></b>	<b><u>Assemblies:</u></b>	<b><u>Date</u></b>
Zachary R. Priest, P.E.	Signed/Sealed Calculations	C	11/19/24
Robert V. Nangia, P.E.	Signed/Sealed Calculations	F(1), F(2)	01/28/25



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## APPROVED ASSEMBLIES:

<b>Deck Type 2I:</b>	Steel, Insulated
<b>Deck Description:</b>	Minimum 22 ga., Type B, Grade 33 steel deck with maximum 6' spans secured to the supports with 5/8" diameter puddle welds welded to structural supports at 6" o.c. Side laps secured with 1/4"-14 x 7/8" HWH screws at 24" o.c.  <b>This Tested Assembly has been analyzed for allowable deck stress. See Evidence Submitted Table.</b>
<b>System Type C:</b>	Sprayed polyurethane foam applied over an insulation layer mechanically attached to the steel deck.

**All General and System Limitations apply.**

**Surface Preparation:** Surfaces shall be primed, if required, in accordance to Henry A Carlisle Company's and coating manufacturers' recommendations, and shall be free of loose dirt, grease, oil or other contaminants prior to priming or foam application. Remove loose dirt or debris by use of compressed air, vacuum or brooming. No washing shall be permitted. Oil, grease, release agents or other contaminants shall be removed with proper cleaning solutions.

Primers shall be applied if required, in accordance with the manufacturer's instructions. All primers must be thoroughly dry and cured prior to foam application.

<u>Top Insulation Layer</u>	<u>Insulation Fasteners (Table 3)</u>	<u>Fastener Density/ft<sup>2</sup></u>
<b>SECUROCK Gypsum-Fiber Roof Board Minimum 1/2" thick</b>	<b>1 with 2</b>	<b>1:1.78 ft<sup>2</sup></b>

**Polyurethane Foam Application:** The PremiR+ EVO 70™ polyurethane foam shall be applied uniformly over the entire surface at the specified thickness, in no case shall it be less than 1", in compliance with the requirements set forth Roofing Application Standard RAS 109. The sprayed polyurethane foam shall be feathered at the edges to produce a smooth transition.

**Protective Coating Application:** Apply a Miami-Dade County approved roof coating with a current NOA that is compatible with this system and is applied in accordance with the guidelines listed in the product's NOA.

The polyurethane foam surface shall be free of moisture, dust, debris, oils, tars, grease or other materials that will impair adhesion of the protective coverings. Any damage or defects to the polyurethane foam surface shall be repaired prior to the coating application. The base coat shall be applied the same day as the foam when possible. If more than 72 hours elapse prior to the application of the base coat, the polyurethane foam shall be inspected for UV degradation.

**Maximum Design Pressure:** -75 psf. (See General Limitation # 7)



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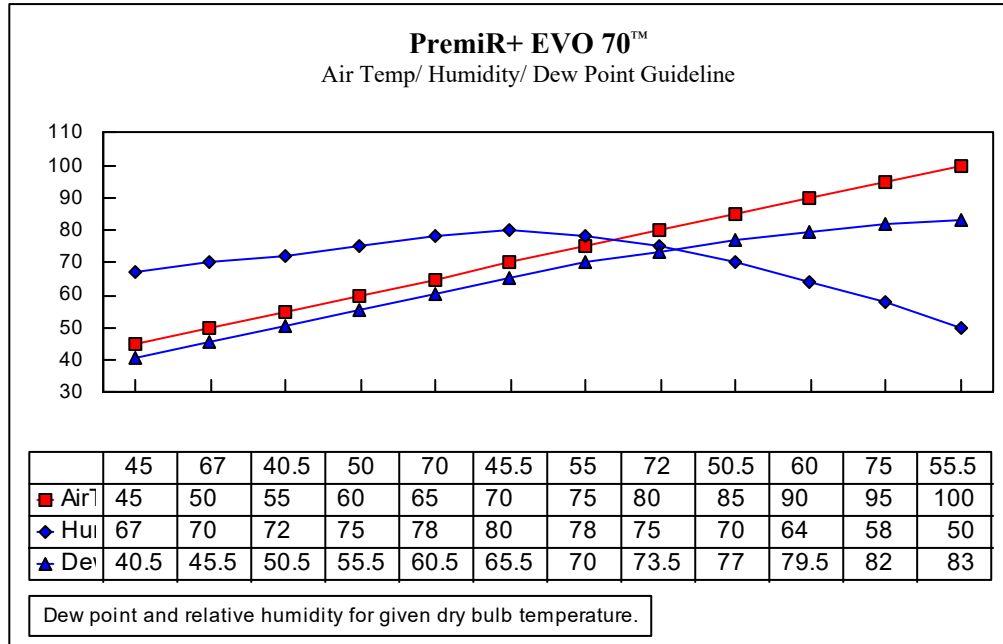
<b>Deck Type 2I:</b>	Steel, Insulated
<b>Deck Description:</b>	<p>36" x 24 ga. Grade 50, galvalume steel R-Panel, with 1-1/4-in. rib, installed over 5-ft. o.c. structural supports. Attached beginning adjacent to the major rib with #12 HWH SD screws in a 5-in. – 4.5-in. – 3.5-in. repeating pattern. Side laps stitched 12-in. o.c. with #14 HWH SD screws</p> <p><b>This Tested Assembly has been analyzed for allowable deck stress. See Evidence Submitted Table.</b></p>
<b>System Type F(1)</b>	Spray Foam applied directly to steel deck.
<b>All General and System Limitations apply.</b>	
<b>Surface Preparation:</b>	<p>For recover applications, existing roof shall be in compliance with applicable Building Code and Roofing Application Standard RAS 109.</p> <p>Surfaces shall be primed, if required, in accordance to Henry A Carlisle Company's and coating manufacturers' recommendations, and shall be free of loose dirt, grease, oil or other contaminants prior to priming or foam application. Remove loose dirt or debris by use of compressed air, vacuum or brooming. No washing shall be permitted. Oil, grease, release agents or other contaminants shall be removed with proper cleaning solutions.</p> <p>Primers shall be applied if required, in accordance with the manufacturer's instructions. All primers must be thoroughly dry and cured prior to foam application.</p>
<b>Polyurethane Foam Application:</b>	The polyurethane foam shall be applied uniformly over the entire surface at the specified thickness, in no case shall it be less than 1", in compliance with the requirements set forth Roofing Application Standard RAS 109. The sprayed polyurethane foam shall be feathered at the edges to produce a smooth transition.
<b>Protective Coating Application:</b>	<p>Apply a Miami-Dade County approved roof coating with a current NOA that is compatible with this system and is applied in accordance with the guidelines listed in the product's NOA.</p> <p>The polyurethane foam surface shall be free of moisture, dust, debris, oils, tars, grease or other materials that will impair adhesion of the protective coverings. Any damage or defects to the polyurethane foam surface shall be repaired prior to the coating application. The base coat shall be applied the same day as the foam when possible. If more than 72 hours elapse prior to the application of the base coat, the polyurethane foam shall be inspected for UV degradation.</p>
<b>Maximum Design Pressure:</b>	-105 psf. (See General Limitation # 9)



<b>Deck Type 2I:</b>	Steel, Insulated
<b>Deck Description:</b>	<p>18" x 24 ga. Grade 50, galvalume steel Tite-Loc Plus, with 2 in. standing seam roof panel with 18" exposure and 180° seam, installed over 5-ft. o.c. structural supports. Supplementally attached with 5 evenly spaced #12 HWH SD screws placed in the pan between the seams.</p> <p><b>This Tested Assembly has been analyzed for allowable deck stress. See Evidence Submitted Table.</b></p>
<b>System Type F(2)</b>	Spray Foam applied directly to steel deck.
<b>All General and System Limitations apply.</b>	
<b>Surface Preparation:</b>	<p>For recover applications, existing roof shall be in compliance with applicable Building Code and Roofing Application Standard RAS 109.</p> <p>Surfaces shall be primed, if required, in accordance to Henry A Carlisle Company's and coating manufacturers' recommendations, and shall be free of loose dirt, grease, oil or other contaminants prior to priming or foam application. Remove loose dirt or debris by use of compressed air, vacuum or brooming. No washing shall be permitted. Oil, grease, release agents or other contaminants shall be removed with proper cleaning solutions.</p> <p>Primers shall be applied if required, in accordance with the manufacturer's instructions. All primers must be thoroughly dry and cured prior to foam application.</p>
<b>Polyurethane Foam Application:</b>	The polyurethane foam shall be applied uniformly over the entire surface at the specified thickness, in no case shall it be less than 2", applied in two passes and in compliance with the requirements set forth Roofing Application Standard RAS 109. The sprayed polyurethane foam shall be feathered at the edges to produce a smooth transition.
<b>Protective Coating Application:</b>	<p>Apply a Miami-Dade County approved roof coating with a current NOA that is compatible with this system and is applied in accordance with the guidelines listed in the product's NOA.</p> <p>The polyurethane foam surface shall be free of moisture, dust, debris, oils, tars, grease or other materials that will impair adhesion of the protective coverings. Any damage or defects to the polyurethane foam surface shall be repaired prior to the coating application. The base coat shall be applied the same day as the foam when possible. If more than 72 hours elapse prior to the application of the base coat, the polyurethane foam shall be inspected for UV degradation.</p>
<b>Maximum Design Pressure:</b>	-187.5 psf. (See General Limitation # 9)



**TABLE 1**  
**AMBIENT HUMIDITY APPLICATION LIMITS**  
**SPRAYED POLYURETHANE FOAM**



## 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. Spray polyurethane foam shall not be sprayed when ambient temperature is within 5 degrees of the dew point. Ambient humidity applications limits shall be as listed in Table 1 herein. Contractor shall monitor and record environmental conditions in the Job Log in compliance with RAS 109. Job Log shall be maintained at the job site and accessible to the Building Official.
3. Flashings and waterproof coverings for expansion joints shall be of compatible materials and in accordance with Henry A Carlisle Company's published literature.
4. Miscellaneous materials such as adhesives, elastomeric caulking compounds, metal, vents and drains shall be a composite part of the roof system and shall be compatible with the foam and coating.
5. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt (if applicable in this NOA), panel size shall be 4' x 4' maximum.
6. 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, then insulation attachment shall not be acceptable.
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 (if applicable) 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

