



**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/pera

**Rmax, A Business Unit of Sika Corporation
13524 Welch Road
Dallas, TX 75244**

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: Rmax Polyisocyanurate Roof Insulation

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 revises NOA No. 21-0518.05 and consists of pages 1 through 6.

The submitted documentation was reviewed by Jorge L. Acebo.



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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Roof Insulation
Materials: Polyisocyanurate

TYPICAL PHYSICAL PROPERTIES:

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Density (Ultra-Max HD)	ASTM D 1622	9.0 lbs./ft. ³
Density (All Other Insulations)	ASTM D 1622	2.0 lbs./ft. ³
Compressive Strength (Ultra-Max HD)	ASTM D 1621	80 PSI
Compressive Strength (All Other Insulations)	ASTM D 1621	20 PSI
Water Absorption	ASTM C 209	1% or Less by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Temperature		-40° F to +250° F Max
<u>Ultra-Max HD</u>	ASTM E 84	Flamespread: 10
Surface Burning Characteristics (0.5" Foam Core Max.)		Smoke Developed: 135
<u>All Other Insulations</u>	ASTM E 84	Flamespread: 25
Surface Burning Characteristics (4.5" Foam Core Max.)		Smoke Developed: 150

Note: The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation. Numerical ratings as determined by ASTM Test Method E 84 are not intended to reflect hazards presented by this or any other material under actual fire conditions.

EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Specification</u>	<u>Report</u>	<u>Date</u>
FM Approvals	FM 4450	J.I. 3Z2A9.AM	02/09/96
	FM 4450	3003800	05/28/99
	FM 4450	3018051	04/25/05
	FM 4470	3039342	01/25/11
	FM 4470	PR458239	02/19/21
UL LLC	UL 790	R8928	05/12/21
Intertek Testing Services NA, Inc.	ASTM E84	104616462SAT-001	06/11/21
	ASTM E84	104616462SAT-001	06/11/21
PRI Construction Materials Technologies, LLC	ASTM C1289/TAS 110	557T0048	04/05/21
	ASTM C518	557T0048A	05/24/21
	ASTM C1289	557T0049	04/06/21
	ASTM C518	557T0049A	05/25/21
NEMO ETC, LLC	ASTM C1289/TAS 110	4n-SIKA-19-SSINCB-01.B	09/05/19

MANUFACTURING LOCATION:

- Greer, SC



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TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Tradename: **Multi-Max FA-3, Tapered Thermarroof-3**
(Manufacturing Location #: 1)
Thickness: 0.5" - 4.0" (12.5-102 mm)
Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Glass Fiber Reinforced Felt
Decks: Concrete, Steel, Wood
Application: Tapered or flat boards suitable for use in insulated roofing system constructions utilizing built-up roof, modified bitumen, or single-ply membranes and metal panel roofing systems. Multi-Max FA-3 and Tapered Thermarroof-3 are intended for use in new roofing construction and limited retrofit/recover roofing constructions.

Tradename: **Ultra-Max, Tapered Ultra-Max**
(Manufacturing Location #: 1)
Thickness: 1.5" - 4.1" (38-102 mm)
Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Coated Glass Fiber Mat
Decks: Concrete, Steel, Wood
Application: Tapered or flat boards suitable for use in insulated roofing system constructions utilizing built-up roof, modified bitumen, or single-ply membranes and metal panel roofing systems. Ultra-Max and Tapered Ultra-Max are intended for use in new roofing construction and limited retrofit/recover roofing constructions.

Tradename: **Re-Cover Board-3**
(Manufacturing Location #: 1)
Thickness: 1" (25.4 mm)
Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Coated Glass Fiber Mat or Glass Fiber Reinforced Felt
Decks: Existing insulated roof system
Application: Re-Cover Board-3 is suitable as a retrofit or recover board over a properly prepared existing insulated roofing system.



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Tradename: **Ultra-Max HD**
(Manufacturing Location #: 1)

Thickness: 0.5" (12.7 mm)

Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)

Core: Polyisocyanurate foam

Facers: Coated Glass Fiber Mat

Decks: Concrete, Steel, Wood

Application: Flat boards suitable for use in insulated roofing system constructions utilizing built-up roof, modified bitumen, or single-ply membranes and metal panel roofing systems. Ultra-Max-HD is intended for use in new roofing construction and limited retrofit/recover roofing constructions.

Tradename: **Thermarroof Plus-3**
(Manufacturing Location #: 1)

Thickness: 1.5" – 4.5" (38-114 mm)

Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)

Core: Polyisocyanurate foam

Facers: Reinforced Aluminum

Decks: Concrete, Steel, Wood

Application: Flat boards suitable for use in insulated roofing system constructions utilizing single-ply membranes and metal panel roofing systems. Thermarroof Plus-3 is intended for use in new roofing construction and limited retrofit/recover roofing constructions.

Tradename: **Rdeck-3**
(Manufacturing Location #: 1)

Thickness: 1.5" – 4.0" (38-102 mm)

Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)

Core: Polyisocyanurate foam

Facers: Glass fiber mat bottom, 0.25" Dens-Deck top

Decks: Concrete, Steel, Wood

Application: Suitable for BUR, modified bitumen, and single-ply systems.



Tradename: **Thermorooft Composite-3**
(Manufacturing Location #: 1)
Thickness: 1.5” – 4.0” (38-102 mm)
Board Size(s) 4’ x 4’ (1.2 x 1.2 m) and 4’ x 8’ (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Glass Fiber Reinforced Felt bottom, 0.50” perlite top
Decks: Concrete, Steel, Wood
Application: BUR insulated roof systems.

Tradename: **Sarnatherm-R ISO, Sarnatherm-R ISO Tapered**
(Manufacturing Location #: 1)
Thickness: 0.5” – 4.0” (12.5-102 mm)
Board Size(s) 4’ x 4’ (1.2 x 1.2 m) and 4’ x 8’ (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Glass Fiber Reinforced Felt
Decks: Concrete, Steel, Wood
Application: Tapered or flat boards suitable for use in insulated roofing system constructions utilizing built-up roof, modified bitumen, or single-ply membranes and metal panel roofing systems. Sarnatherm-R ISO and Sarnatherm-R ISO Tapered are intended for use in new roofing construction and limited retrofit/recover roofing constructions.

Tradename: **Sarnatherm-R CG, Sarnatherm-R CG Tapered**
(Manufacturing Location #: 1)
Thickness: 1.5” – 4.1” (38-102 mm)
Board Size(s) 4’ x 4’ (1.2 x 1.2 m) and 4’ x 8’ (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Coated Glass Fiber Mat
Decks: Concrete, Steel, Wood
Application: Tapered or flat boards suitable for use in insulated roofing system constructions utilizing built-up roof, modified bitumen, or single-ply membranes and metal panel roofing systems. Sarnatherm-R CG and Sarnatherm-R CG Tapered are intended for use in new roofing construction and limited retrofit/recover roofing constructions.



Tradename:	Sarnatherm Roof Board-R (Manufacturing Location #: 1)
Thickness:	0.5" (12.7 mm)
Board Size(s)	4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core:	Polyisocyanurate foam
Facers:	Coated Glass Fiber Mat
Decks:	Concrete, Steel, Wood
Application:	Flat boards suitable for use in insulated roofing system constructions utilizing built-up roof, modified bitumen, or single-ply membranes and metal panel roofing systems. Sarnatherm Roof Board-R is intended for use in new roofing construction and limited retrofit/recover roofing constructions.

COMMENTS AND LIMITATIONS:

1. Roof assemblies are approved under specific roof cover's Product Control Notice of Acceptance.
2. Rmax products may be used with any approved roof covering listing a specific Rmax product as a component part of a roof assembly Notice of Acceptance. If a Rmax product is not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami Dade Building Code Compliance Office for approval provided that appropriate documentation is provided.
3. Fire classification is not a part of this Notice of Acceptance.
4. 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.
5. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE



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