MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

GAF
1 Campus Drive
Parsippany, NJ 07054

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: GAF EnergyGuard™ RN Polyiso Insulation and EnergyGuard™ Perlite 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 renews NOA No. 15-0129.18 and consists of pages 1 through 5.
The submitted documentation was reviewed by Jorge L. Acebo.

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Insulation
Type: Insulation
Material: Polyisocyanurate and Perlite.

TYPICAL PHYSICAL PROPERTIES:

Product	Property	Test Method	Typical Result
EnergyGuard™ RN Polyiso Insulation 25 PSI *Manuf. Location: #1*	Density	D1622	2.8 pcf
	Compressive Strength	D1621	25 psi
	Water Absorption	C209	< 1% by volume (2 hrs)
	Water Vapor Permeance	E96	< 1 perm
	Dimensional Stability: 7 days @ 158°F & 90-100% RH	D2126	-2.0% ≤ result ≤ 2.0 %
	Surface Buring Characteristics	E84	Flame Spread: 25 Smoke Developed: 100
EnergyGuard™ RN Polyiso Insulation, EnergyGuard™ RN Tapered Polyiso Insulation *Manuf. Location: #1*	Density	D1622	≥2 pcf
	Compressive Strength	D1621	≥20 psi
	Dimensional Stability: 7 days @ 158°F & 90-100% RH	D2126	-2.0 % ≤ result ≤ 2.0 %
	Water Absorption	C209	≤ 1% by volume (2 hrs)
	Water Vapor Permeance	E96	≤ 1 perm
	Surface Buring Characteristics	E84	Flame Spread: 30 Smoke Developed: 185
EnergyGuard™ Perlite Roof Insulation (homogeneous; laminated; tapered; laminated tapered) *Manuf. Location: #2*	Water Absorption	ASTM C 209	< 1.5% by volume (2 hrs)
	Compressive Strength	ASTM C 165	5% consolidate: 30 psi 10% consolidate: 40 psi
	Laminar Strength	ASTM C 209	7 psi
	Flexural Strength	ASTM C 203	65 psi
	Density	ASTM C 209	9 pcf
	Linear Expansion	ASTM C 209	< 0.5%
EnergyGuard™ Perlite Recover Board *Manuf. Location: #2*	Water Absorption	ASTM C 209	2.7% by volume (2 hrs)
	Compressive Strength	ASTM C 165	5% consolidate: 38 psi
	Laminar Strength	ASTM C 209	15 psi
	Flexural Strength	ASTM C 203	88 psi
	Density	ASTM C 209	11-14 pcf
	Linear Expansion	ASTM C 209	< 1%
	Water Vapor Permeability	E96	6 perm-inch
	Surface Buring Characteristics	E84	Flame Spread: 55 Smoke Developed: 70

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.

MANUFACTURING LOCATION(S):

1. Jacksonville, FL.
2. Rockdale, IL

EVIDENCE SUBMITTED:

Test Agency/Identifier	Name	Report	Date
FM Approvals	FM 4450	J.I. 1J4A3.AM	04/11/85
	FM 4450	J.I. 0K4A9.AM	10/11/85
	FM 4450	J.I. 3004299 (letter)	03/21/00
	ASTM E 84	3023546	11/04/05
	FM 4450	3037540	10/20/10
	FM 4470	797-07972-267	02/04/13
	FM 4470	3017543	03/05/04
	FM 4470	3034810	09/10/09
Exterior Research & Design, LLC	ASTM C 1289	2006.J0681.04.06-R1	05/17/06
	Physial Properties	#00251.10.02	11/04/02
	Physical Properties	#00252.10.02	10/31/02
Omega Point Laboratories	ASTM C 518	#16619-112069	10/09/02
	ASTM C 518	#16619-112070	10/09/02
PRI Construction Materials Technologies, LLC	ASTM C 728	JMC-104-02-01	01/11/13
	ASTM C 728	JMC-120-02-01	07/24/13
	ASTM C 728	JMC-121-02-01	07/24/13
	ASTM C 728	JMC-122-02-01	07/24/13
	ASTM C 1289	JMC-172-02-01	02/06/14
	ASTM C 1289	JMC-172-02-02	02/06/14
	ASTM C 1289	JMC-177-02-01	10/31/14
	ASTM C 1289	JMC-175-02-01	10/30/14
Intertek	ASTM E 84	100982457SAT-001A	12/14/12
	ASTM E 84	101050452SAT-001B	02/26/13
	ASTM E 84	101050452SAT-001C	02/26/13
	ASTM E 84	101050452SAT-001E	02/26/13
	ASTM E 84	101050452SAT-001F	02/26/13
	ASTM E 84	101175749SAT-001A	05/30/13
	ASTM E 84	101295654SAT-001A	08/19/13
	ASTM E 84	101793764SAT-001A	09/09/14
	ASTM E 84	101793764SAT-001B	09/09/14
Underwriters Laboratories	UL 790	R10167	01/15/14

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Tradename:	**EnergyGuard™ RN Polyiso Insulation 25 PSI**
Thickness:	0.5" - 4.1" (12.5-104 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:	Fiberglass reinforced felt or fiberglass felt
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Tapered or flat boards. Multilayer systems may have a first or second layer of EnergyGuard™ RN Polyiso Insulation 25 PSI tapered or flat followed by a top layer of EnergyGuard™ RN Polyiso Insulation 25 PSI tapered or flat. Maximum thicknesses 12 in. (305 mm). All layers may be mechanically fastened through the top layer when the top layer is minimum 1.4 in. (36 mm) thick, or the bottom layer may be secured with hot asphalt at an application rate of 25 lbs./sq. (1.2 kg/m²) or mechanically fastened with subsequent layers adhered with hot asphalt at an application rate of 25 lbs./sq. (1.2 kg/m²). When a fully adhered single-ply roof cover is used, the top layer insulation is minimum is 0.5 in. (13 mm) thick, otherwise minimum thickness of top layer is 1.4 in (36 mm).

Tradename:	**EnergyGuard™ RN Polyiso Insulation and EnergyGuard™ RN Tapered Polyiso Insulation**
Thickness:	0.5" - 4.1" (12.5-104 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:	Fiberglass reinforced felt or fiberglass felt
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Tapered or flat boards. Multilayer systems may have a first or second layer of EnergyGuard™ RN Polyiso Insulation or EnergyGuard™ RN Tapered Polyiso Insulation followed by a top layer of EnergyGuard™ RN Polyiso Insulation or EnergyGuard™ RN Tapered Polyiso Insulation . Maximum thicknesses 12 in. (305 mm). All layers may be mechanically fastened through the top layer when the top layer is minimum 1.4 in. (36 mm) thick, or the bottom layer may be secured with hot asphalt at an application rate of 25 lbs./sq. (1.2 kg/m²) or mechanically fastened with subsequent layers adhered with hot asphalt at an application rate of 25 lbs./sq. (1.2 kg/m²). When a fully adhered single-ply roof cover is used, the top layer insulation is minimum is 0.5 in. (13 mm) thick, otherwise minimum thickness of top layer is 1.4 in (36 mm).

Tradename:	**EnergyGuard™ Perlite Roof Insulation (homogeneous; laminated; tapered; laminated tapered)**
Thickness:	Homogeneous: ¾", 1", 1.5" (19, 25, 38 mm) Laminated: 1.5", 2", 3" (38, 51, 76 mm). Laminated EnergyGuard™ Perlite Roof Insulation consists of two layers of EnergyGuard™ Perlite Roof Insulation laminated together.
Board Size(s)	2' x 4' (0.6 x 1.2 m) and 4' x 4' (1.2 x 1.2 m)
Core:	Expanded Mineral Fiber
Facers:	None.
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum, Recover
Special Application:	Tapered Fesco contains a built-in taper of 1/8 or ¼ in per ft (10 or 20 mm per m) and may be used interchangeably with Fesco. Tapered Fesco must be used over a min. ¾" (19 mm) Fesco when installed over steel decks.

Tradename:	**EnergyGuard™ Perlite Recover Board**
Thickness:	½" (13 mm)
Board Size(s)	2' x 4' (0.6 x 1.2 m), 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core:	Expanded Mineral Fiber
Facers:	None
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum, Recover
Special Application:	For recover construction only or as top layer over an Approved insulation.

COMMENTS AND LIMITATIONS:

1. Roof assemblies are approved under specific roof cover's Product Control Notice of Acceptance.
2. GAF products may be used with any approved roof covering listing a specific GAF product as a component part of a roof assembly Notice of Acceptance. If a GAF product is not listed, a request may be made to the local building inspector 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.

MIAMI-DADE COUNTY APPROVED

END OF THIS ACCEPTANCE