



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

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: EnergyGuard™ Polyiso Insulation Products

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. 17-0619.06 and consists of pages 1 through 10.
The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 22-1202.06
Expiration Date: 03/01/24
Approval Date: 02/16/23
Page 1 of 10

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Insulation
Material: Polyisocyanurate

SCOPE:

This approves **Insulation EnergyGuard™ Polyiso Insulation Products** as manufactured by GAF as described in this Notice of Acceptance. These products have been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone of the Florida Building Code.

TYPICAL PHYSICAL PROPERTIES:

EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D 1622	2.5 lbs./ft. ³
Compressive Strength	ASTM D 1621	24 PSI
Water Absorption	ASTM C 209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 45 Smoke Developed: 105

EnergyGuard™ Ultra Polyiso Insulation, EnergyGuard™ Ultra Tapered Polyiso Insulation

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D1622	4.47 lbs./ft. ³
Compressive Strength	ASTM D1621	24 PSI
Water Absorption	ASTM C209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E96	Less than two (2) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E84	Flamespread: 45 Smoke Developed: 105

EnergyGuard™ HD Polyiso Insulation, EnergyGuard™ HD Polyiso Cover Board

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D1622	9.5 lbs./ft. ³
Compressive Strength	ASTM D1621	81PSI
Water Absorption	ASTM C209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E96	Less than two (2) perm
Surface Burning Characteristics (½" thick)	ASTM E84	Flamespread: 65 Smoke Developed: 110

EnergyGuard™ HD Plus Polyiso Insulation, EnergyGuard™ HD Plus Polyiso Cover Board

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D1622	9.9 lbs./ft. ³
Compressive Strength	ASTM D1621	122 PSI
Water Absorption	ASTM C209	Less than 2% by volume
Moisture Vapor Transmission	ASTM E96	Less than one (1) perm
Surface Burning Characteristics (½" thick)	ASTM E84	Flamespread: 65 Smoke Developed: 110

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.

TYPICAL PHYSICAL PROPERTIES: (CONTINUED)

EnergyGuard™ Barrier Polyiso Insulation

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D 1622	3.26 lbs./ft. ³
Compressive Strength	ASTM D 1621	21 PSI
Water Absorption	ASTM C 209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 45 Smoke Developed: 105

EnergyGuard™ NH Polyiso Insulation, EnergyGuard™ NH Tapered Polyiso Insulation

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D 1622	2.2 lbs./ft. ³
Compressive Strength	ASTM D 1621	22 PSI
Water Absorption	ASTM C 209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 47.5 Smoke Developed: 90

EnergyGuard™ NH Barrier Polyiso Insulation

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D 1622	3.05 lbs./ft. ³
Compressive Strength	ASTM D 1621	23 PSI
Water Absorption	ASTM C 209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 45 Smoke Developed: 105

EnergyGuard™ NH HD Polyiso Insulation, EnergyGuard™ NH HD Polyiso Cover Board

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D 1622	9.5 lbs./ft. ³
Compressive Strength	ASTM D 1621	90.0 PSI
Water Absorption	ASTM C 209	Less than 2% by volume
Moisture Vapor Transmission	ASTM E 96	Less than two (2) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 63.75 Smoke Developed: 77.5

EnergyGuard™ NH HD Plus Polyiso Insulation, EnergyGuard™ NH HD Plus Polyiso Cover Board

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D 1622	10.0 lbs./ft. ³
Compressive Strength	ASTM D 1621	113 PSI
Water Absorption	ASTM C 209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 70 Smoke Developed: 65

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.



TYPICAL PHYSICAL PROPERTIES: (CONTINUED)

EnergyGuard™ NH Ultra Polyiso Insulation, EnergyGuard™ NH Ultra Tapered Polyiso Insulation

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Overall Density	ASTM D 1622	2.95 lbs./ft. ³
Compressive Strength	ASTM D 1621	23.5 PSI
Water Absorption	ASTM C 209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 47.5 Smoke Developed: 90

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</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
FM Approvals	3045789	4470	07/12/12
	3042905	4470	01/10/12
	3038278	4470	11/18/11
	3041005	4470	05/31/11
	3041746	4470	08/17/11
	3045176	4470	10/12/12
	3046328	4470	09/13/12
	3041769	4470	05/26/12
	3044914	4470	06/18/12
	3045166	4470	07/24/12
PRI Construction Materials Technologies LLC	GAF-369-02-01	ASTM C1289/ASTM D1622	10/23/12
	GAF-411-02-01	ASTM C1289/ASTM D1622	05/02/13
	GAF-412-02-01	ASTM C1289/ASTM D1622	05/02/13
	GAF-409-02-01	ASTM C1289/ASTM D1622	05/28/13
	GAF-417-02-01	ASTM C1289/ASTM D1622	05/28/13
	GAF-464-02-01	ASTM C1289/ASTM D1622	02/06/14
	GAF-580-02-01	ASTM C1289/ASTM D1622	07/23/15
	GAF-581-02-01	ASTM C1289/ASTM D1622	07/23/15
	GAF-602-02-01	ASTM C1289/ASTM D1622	09/25/15
	GAF-629-02-01	ASTM C1289/ASTM D1622	02/29/16
	GAF-704-02-01	ASTM C1289/ASTM D1622	09/22/16
	GAF-706-02-01	ASTM C1289/ASTM D1622	09/22/16
	GAF-707-02-01	ASTM C1289/ASTM D1622	09/22/16
	GAF-714-02-01	ASTM C1289/ASTM D1622	11/08/16
	GAF-769-02-01	ASTM C1289/ASTM D1622	07/07/17
	GAF-772-02-01	ASTM C1289/ASTM D1622	08/01/17
	GAF-774-02-01	ASTM C1289/ASTM D1622	09/27/17
	GAF-786-02-01	ASTM C1289/ASTM D1622	10/27/17
	GAF-819-02-01	ASTM C1289/ASTM D1622	02/14/18
GAF-830-02-01	ASTM C1289/ASTM D1622	04/20/18	
GAF-856-02-01	ASTM C1289/ASTM D1622	09/20/18	
GAF-857-02-01	ASTM C1289/ASTM D1622	09/20/18	
GAF 376T0086	ASTM C1289/ASTM D1622	11/05/20	
PRI Letter	ASTM C1289/ASTM D1622	02/06/23	



EVIDENCE SUBMITTED: (CONTINUED)

UL LLC	12CA42043	UL723	10/29/12
	12NK15055	UL790	03/27/13
	13CA46760	UL723	09/09/13
	12NK15055	UL790	03/01/13
	4781782054	UL723/E84	01/21/16
	4787285972	UL723/E84	02/01/16
	4787438640	UL723/E84	10/26/16
	4788035489	UL723/E84	11/06/17
	4788129635	UL723/E84	11/06/17
	4788129642.1	UL723/E84	04/30/18
	4788129642.2	UL723/E84	04/30/18
	4788374566	UL723/E84	02/22/18
	BRYX.R1306	UL723/E84	01/27/23
	TGFU.R1306	UL790	01/27/23
	UL Letter	UL 723	02/03/23



MANUFACTURING LOCATIONS:

1. Statesboro, GA:

EnergyGuard™ Polyiso Insulation
EnergyGuard™ Tapered Polyiso Insulation,
EnergyGuard™ Ultra Polyiso Insulation
EnergyGuard™ Ultra Tapered Polyiso Insulation
EnergyGuard™ HD Polyiso Insulation
EnergyGuard™ HD Polyiso Cover Board
EnergyGuard™ HD Plus Polyiso Insulation
EnergyGuard™ HD Plus Polyiso Cover Board
EnergyGuard™ NH Polyiso Insulation
EnergyGuard™ NH HD Polyiso Insulation
EnergyGuard™ NH HD Polyiso Cover Board
EnergyGuard™ NH HD Plus Polyiso Insulation
EnergyGuard™ NH HD Plus Polyiso Cover Board
EnergyGuard™ NH Tapered Polyiso Insulation
EnergyGuard™ NH Ultra Tapered Polyiso Insulation

2. Gainesville, TX:

EnergyGuard™ Polyiso Insulation
EnergyGuard™ Tapered Polyiso Insulation
EnergyGuard™ HD Polyiso Insulation
EnergyGuard™ HD Polyiso Cover Board
EnergyGuard™ HD Plus Polyiso Insulation
EnergyGuard™ HD Plus Polyiso Cover Board
EnergyGuard™ NH Polyiso Insulation
EnergyGuard™ NH HD Polyiso Insulation
EnergyGuard™ NH HD Polyiso Cover Board
EnergyGuard™ NH HD Plus Polyiso Insulation
EnergyGuard™ NH HD Plus Polyiso Cover Board
EnergyGuard™ NH Ultra Polyiso Insulation
EnergyGuard™ NH Tapered Polyiso Insulation
EnergyGuard™ NH Ultra Tapered Polyiso Insulation

3. Cedar City, UT:

EnergyGuard™ Polyiso Insulation
EnergyGuard™ Tapered Polyiso Insulation
EnergyGuard™ Barrier Polyiso Insulation
EnergyGuard™ HD Polyiso Insulation
EnergyGuard™ HD Polyiso Cover Board
EnergyGuard™ Ultra Polyiso Insulation
EnergyGuard™ Ultra Tapered Polyiso Insulation
EnergyGuard™ NH Polyiso Insulation
EnergyGuard™ NH Barrier Polyiso Insulation
EnergyGuard™ NH HD Polyiso Insulation
EnergyGuard™ NH HD Polyiso Cover Board
EnergyGuard™ NH Ultra Polyiso Insulation
EnergyGuard™ NH Tapered Polyiso Insulation
EnergyGuard™ NH Ultra Tapered Polyiso Insulation

PRODUCT DESCRIPTION:

Tradename: EnergyGuard™ Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.0" (102 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Reinforced glass fiber/organic felt
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ Tapered Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.0" (102 mm)
Board Size(s): 48" x 48" (1220 x 1220 mm)
Core: Polyisocyanurate
Facers: Reinforced glass fiber/organic felt
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ Ultra Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.0" (102 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ Ultra Tapered Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.0" (102 mm)
Board Size(s): 48" x 48" (1220 x 1220 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ HD Polyiso Insulation
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ HD Polyiso Cover Board
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ HD Plus Polyiso Insulation
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.



PRODUCT DESCRIPTION: (CONTINUED)

Tradename: EnergyGuard™ HD Plus Polyiso Cover Board
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ Barrier Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.0" (102 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.6" (116.84 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Reinforced glass fiber/organic felt
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH Tapered Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.6" (116.84 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Reinforced glass fiber/organic felt
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH Barrier Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.6" (126.84 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH Barrier Polyiso Cover Board
Thickness: 0.5" (12 mm) to 4.6" (126.84 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH HD Polyiso Insulation
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.



PRODUCT DESCRIPTION: (CONTINUED)

Tradename: EnergyGuard™ NH HD Polyiso Cover Board
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH HD Plus Polyiso Insulation
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH HD Plus Polyiso Cover Board
Thickness: 0.5" (12 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH Ultra Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.6" (116.84 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.

Tradename: EnergyGuard™ NH Ultra Tapered Polyiso Insulation
Thickness: 0.5" (12 mm) to 4.6" (116.84 mm)
Board Size(s): 48" x 48" and 48" x 96" (1220 x 1220 to 2400 mm)
Core: Polyisocyanurate
Facers: Coated glass fiber
Special Application: See specific Roof Assembly Notice of Acceptance for approved assemblies.



LIMITATIONS:

1. Fire classification is not a part of this Notice of Acceptance
2. Roof assemblies are approved under specific Roof Assembly Product Control Notice of Acceptance.
3. GAF products may be used with any approved roof covering listing a specific GAF component as part of its Roof Assembly Notice of Acceptance. If a GAF product is not listed, a request may be made to the authority having jurisdiction or the Miami Dade Product Control Section for approval provided that appropriate documentation is provided.
4. The products listed herein are components of roof assemblies and are approved for use with roof assemblies that list the products listed herein as part of their Roof Assembly Notice of Acceptance. See roof system Notice of Acceptance (NOA) for application rates and uses.
5. All products listed herein shall have an unannounced follow-up quality control program from an approved listing agency. Follow up test results shall be made available to Miami-Dade County Product Control upon request.
6. Change in materials, use, or manufacture of any products listed herein shall be cause for termination of this Notice of Acceptance.
7. 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.
8. 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



NOA No.: 22-1202.06
Expiration Date: 03/01/24
Approval Date: 02/16/23
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