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

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

NOTICE OF ACCEPTANCE (NOA)

Hunter Panels, a division of Carlisle Construction Materials, LLC.
15 Franklin Street
Portland, ME. 04101

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: H-Shield 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. 19-0521.04 and consists of pages 1 through 6.
The submitted documentation was reviewed by Alex Tigera.

05/30/24

ROOFING COMPONENT APPROVAL

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

TYPICAL PHYSICAL PROPERTIES:

Product	Property	Test Method	Typical Result
H-Shield and Tapered H-Shield, **H-Shield F and Tapered H-Shield F,** **H-Shield CG and Tapered CG,** **H-Shield WF and Tapered H-Shield WF,** **H-Shield NB,** **Cool-Vent,** **Cool-Vent II**	Density	ASTM D 1622	2.0 lbs./ft^3 20 psi
	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
	Service Temperature		-100° F +250° F Max
	Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 50 Smoke Developed: 450

Product	Property	Test Method	Typical Result
TRI-BUILT ISO and TRI-BUILT Tapered ISO, **TRI-BUILT ISO CGF and TRI-BUILT Tapered ISO CGF**	Density	ASTM D 1622	2.0 lbs./ft^3 20 psi
	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
	Service Temperature		-100° F +250° F Max
	Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 50 Smoke Developed: 450

Product	Property	Test Method	Typical Result
H-Shield HD	Density	ASTM D 1622	4.8 lbs./ft^3
	Compressive Strength	ASTM D 1621	115 PSI
	Water Absorption	ASTM C 209	Less than 1% by volume
	Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
	Service Temperature		260° F Max
	Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 40 Smoke Developed: 125

Product	Property	Test Method	Typical Result
TRI-BUILT HD ISO	Density	ASTM D 1622	4.8 lbs./ft^3
	Compressive Strength	ASTM D 1621	115 PSI
	Water Absorption	ASTM C 209	Less than 1% by volume
	Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
	Service Temperature		260° F Max
	Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 40 Smoke Developed: 125

Product	Property	Test Method	Typical Result
H-Shield HD Composite CG	Density	ASTM D 1622	4.8 lbs./ft^3
	Compressive Strength	ASTM D 1621	115 PSI
	Water Absorption	ASTM C 209	Less than 1% by volume
	Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
	Service Temperature		260° F Max
	Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flamespread: 70 Smoke Developed: 250

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. Lake City, FL.

EVIDENCE SUBMITTED:

Test Agency/Identifier	Name	Report	Date
Intertek	ASTM E84	100114954SAT-001 B	06/08/2010
Architectural Testing	ASTM E 84	C0374.02-121.24	06/22/2012
Trinity ERD	TAS 110	C42950.02.14-1A-R2	04/16/2014
R&D Services, Inc.	TAS 110	RD16326-R1	06/08/16

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Tradename:	**H-Shield and Tapered H-Shield**
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:	Fiber reinforced facers
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Tapered or flat boards. Multilayer systems to a maximum thickness of 12 inches. See specific Roof Assembly NOA, and RAS 117 for specific system approvals

Tradename:	**TRI-BUILT ISO and TRI-BUILT Tapered ISO**
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:	Fiber reinforced facers
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Tapered or flat boards. Multilayer systems to a maximum thickness of 12 inches. See specific Roof Assembly NOA, and RAS 117 for specific system approvals

Tradename:	**H-Shield F and Tapered H-Shield F**
Thickness:	1" - 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:	Trilaminate Foil Facer
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum
Special Application:	Tapered or flat boards. Multilayer systems to a maximum thickness of 12 inches. See specific Roof Assembly NOA, and RAS 117 for specific system approvals

Tradename:	**H-Shield CG and Tapered CG**
Thickness:	1.0" - 4" (25-102 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 Facer.
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Multilayer systems to a maximum thickness of 12 inches. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename:	**TRI-BUILT ISO CGF and TRI-BUILT Tapered ISO CGF**
Thickness:	1.0" - 4" (25-102 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 Facer.
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Multilayer systems to a maximum thickness of 12 inches. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename:	**H-Shield WF and Tapered H-Shield WF**
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:	0.5” Wood fiberboard on one side and fiber reinforced facer on the other side
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Multilayer systems to a maximum thickness of 12 inches. See specific Roof Assembly NOA, and RAS 117 for specific system approvals. AC Foam III shall not be used in any hot asphalt application

Tradename:	**H-Shield NB, Cool-Vent, Cool-Vent II**
Special Application:	Polyisocyanurate insulation laminated to plywood. Nail base insulation and Vented-R shall have APA rated plywood topside in compliance with the provision of Chapter 23 of the FBC

Tradename:	**H-Shield HD**
Thickness:	1/2" (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 Facer
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename:	**TRI-BUILT HD ISO**
Thickness:	1/2" (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 Facer
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename:	**H-Shield HD Composite CG**
Thickness:	2.0" - 4.0" (50.8-102 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 Facer
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application:	Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

COMMENTS AND LIMITATIONS:

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