



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Hunter Panels, LLC
15 Franklin Street
Portland, Maine 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 by the BCCO and accepted by the Building Code and Product Review Committee 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 BCCO (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. BCCO reserves the right to revoke this acceptance, if it is determined by BCCO 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 renews and revises NOA #04-1018.01 and consists of pages 1 through 4.
The submitted documentation was reviewed by Alex Tigera.



NOA No.: 09-0915.15
Expiration Date: 01/14/15
Approval Date: 01/13/10
Page 1 of 4

PRODUCT CONTROL NOTICE OF ACCEPTANCE

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

TYPICAL PHYSICAL PROPERTIES:

| <u>Property</u> | <u>Test</u> | <u>Typical Results</u> |
|--|-------------|--|
| Density | ASTM D 1622 | 2.0 lbs./ft ³ |
| Compressive Strength | ASTM D 1621 | 20 psi |
| Water Absorption | ASTM C 209 | 24 PSI |
| Moisture Vapor Transmission | ASTM E 96 | Less than 1% by volume |
| Service Temperature | | Less than one (1) perm |
| Surface Burning Characteristics (4" Foam Core Max.) | ASTM E 84 | -100° F +250° F Max Flamespread: 50 Smoke Developed: 450 |

Note: The physical properties listed above are presented as 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:

- Lake City, FL.

EVIDENCE SUBMITTED:

| <u>Test Agency/Identifier</u> | <u>Name</u> | <u>Report</u> | <u>Date</u> |
|------------------------------------|---------------------|---------------|-------------|
| Exterior Research & Design, L.L.C. | Physical Properties | 03190.05.04-1 | 5/24/2004 |
| Factory Mutual Approvals | Class 4450 | 3009425 | 6/13/2003 |
| | | 3019743 | 6/15/2004 |
| | | 3021539 | 4/27/2005 |
| Factory Mutual Approvals | ASTM-E84 | 3018331 | 8/30/2004 |
| Factory Mutual Approvals | ASTM-D1929 | 3021560 | 8/31/2004 |
| Factory Mutual Approvals | Fire Classification | 3016355 | 9/15/2004 |
| Underwriters Laboratories | Fire Classification | R 18846 | 4/15/2003 |
| Underwriters Laboratories | Fire Classification | R 18846 | 4/16/2003 |



NOA No.: 09-0915.15
 Expiration Date: 01/14/15
 Approval Date: 01/13/10
 Page 2 of 4

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: **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: Trilaminare 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: **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.



COMMENTS AND LIMITATIONS:

1. Roof assemblies are approved under specific roof cover's Product Control Notice of Acceptance.
2. Hunter Panels, LLC. 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 approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE

