



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

The Dow Chemical Company
1605 Joseph Drive
Midland, MI 48674

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.

DESCRIPTION: Thermax TF-610 Polyisocyanurate Insulation

APPROVAL DOCUMENT: Drawing No. **12-123**, titled "Thermax TF-610 Polyisocyanurate Insulation", sheet 1 of 1, dated 09/11/2012, prepared by CBuck, Inc, signed and sealed by James L. Buckner, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each board shall bear a permanent label with the manufacturer's name or logo, Pennsauken, NJ, model/series 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 # 08-0320.01** and consists of this page 1, evidence page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
11/21/2012

NOA No 12-0516.11
Expiration Date: July 1, 2017
Approval Date: December 6, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **12-123**, titled "Thermax TF-610 Polyisocyanurate Insulation", sheet 1 of 1, dated 09/11/2012, prepared by CBuck, Inc, signed and sealed by James L. Buckner, P.E.

B. TESTS "*Submitted under NOA # 08-0320.01*"

	<u>Test Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	3127637COQ-009	ASTM D1621	12/18/07	C. Bowness, P.E.
2.	3127637COQ-009	ASTM D2126	12/18/07	C. Bowness, P.E.
3.	3127637COQ-009	ASTM C203	12/18/07	C. Bowness, P.E.
4.	3127637COQ-009	ASTM C209	12/18/07	C. Bowness, P.E.
5.	3127637COQ-009	ASTM E96	12/18/07	C. Bowness, P.E.
6.	3127637COQ-009	ASTM D1622	12/18/07	C. Bowness, P.E.
7.	3127637COQ-009	ASTM C518	03/19/08	C. Bowness, P.E.
8.	File R5622	ASTM E84	05/06/08	R. K. Laymon

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATION

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC issued by CBuck, Inc, dated 09/14/2012, signed and sealed by James L. Buckner, P.E.

"Submitted under NOA # 08-0320.01"

2. Certificate of Independence prepared by Intertek Testing Services NA, Inc, dated 09/12/2007, signed by Paul Moliski.


11/21/2012

Carlos M. Utrera, P.E.

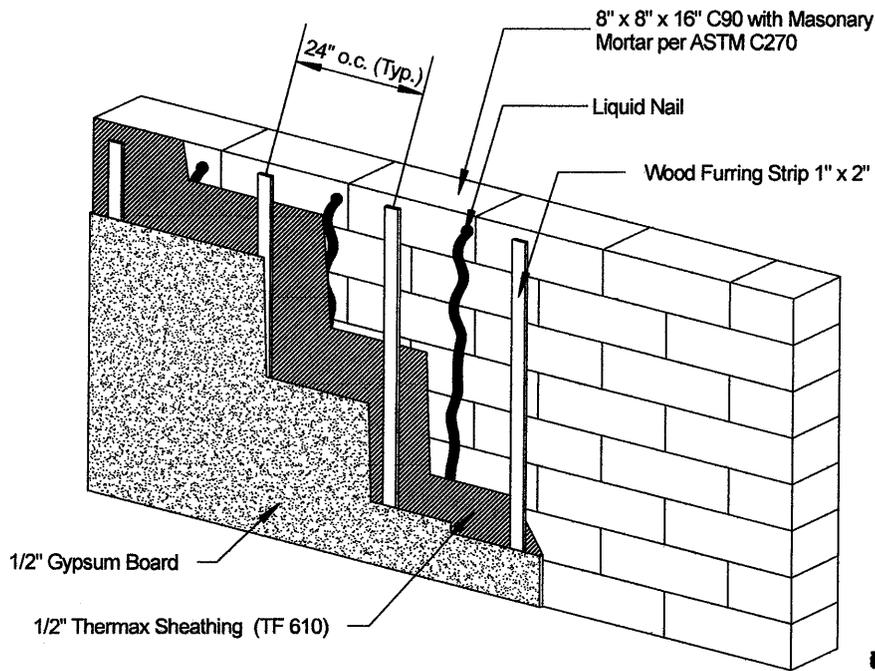
Product Control Examiner

NOA No 12-0516.11

Expiration Date: July 1, 2017

Approval Date: December 6, 2012

ENGINEERING DATA & INSTALLATION



INTERIOR OF BUILDING SIDE

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 12-0516.11
 Expiration Date 07/01/2017
 By [Signature]
 Miami Date Product Control

1" THERMAX TF 610

Properties:	Results	Standards
Density	2.20 lbs/ft ³	ASTM D1622
Thermal Conductivity	0.153 BTU -inch/hr ft ²	ASTM C518
Compressive Strength	21 psi	ASTM D1621
Flexural Strength	62.2 psi	ASTM C203
Beak Load	11.5 lbf	ASTM C203
Water Absorption by Volume	0.10 %	ASTM D209
Water Vapor Transmission	0.08 perms	ASTM E96
Tensile Strength	3645 psf	ASTM C209
Dimensional Stability(Thickness)	1.20 %	ASTM D2126
Dimensional Stability(Length & Width)	0.10 %	ASTM D2126
Flame Spread Index	25	ASTM E84
Smoke Developed Index	180	ASTM E84

Installation

- A. THERMAX shall be laminated to the interior face of the wall with approved adhesive(MACCO LN 601 "liquid nails" or equal) per manufacturer's instructions.
- B. Wood furring or metal furring strips shall be applied vertically over the insulation 24" on center with mechanical fasteners spaced 12" o.c. and 1" minimum penetration through masonry. Fasteners used are 3/16" x 2-1/4" Tapcon screws for securing furring strips to masonry.
- C. 1/2" regular gypsum board shall be secured to the furring with standard 0.137" x 1-1/8" drywall nails or screws, not more than 12" o.c.
- D. The airspace created by the voids between the furring strips shall always be maintained.
- E. Masonry wall shall comply with chapter 21 of the FBC 2010.

[Signature]
 JAMES L. BUCKNER, P.E., SECB
 FLORIDA P.E. #31242
 9/14/12

TITLE: "THERMAX TF 610 – Polyisocyanurate Insulation"

CBUCK Engineering

CBUCK, Inc. COA #8064
 1399 N. Killian Dr., Ste 4
 W. Palm Beach, FL 33403
 (561) 491-9927



THE DOW CHEMICAL COMPANY
 FLORIDA OFFICE

ADDRESS PER APPLICATION
 1605 JOSEPH DRIVE
 MIDLAND MICHIGAN 48674

DATE: 9 / 11 / 12

PAGE #: 1 OF 1

PROJECT #: 12-123

DRAWN BY: yd

SCALE: Not To Scale