**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

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

# NOTICE OF ACCEPTANCE (NOA)

**DuPont de Nemours, Inc.**
**1501 Larkin Center Drive**
**Midland, MI 48642**

**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 Sheathing Insulation**

**APPROVAL DOCUMENT:** Drawing No. **1d-DPBS-21-MDNOA**, titled "Thermax™ Insulation Sheathing", sheets 1 and 2 of 2, prepared by NEMO/etc., dated 02/03/2021, signed and sealed by Robert Nieminen, 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 # 20-0701.08** and consists of this page 1, evidence pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P.E.**

MIAMI-DADE COUNTY APPROVED

S.Z.

02/17/2022

**NOA-No 22-0119.02**
**Expiration Date: July 1, 2027**
**Approval Date: February 17, 2022**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### 1. Evidence submitted under previous NOAs

### A. DRAWINGS *"Submitted under NOA # 14-1222.01"*

**1.** Drawing No. **14-161-03.2,** titled "Thermax™ Insulation Sheathing", sheet 1 of 1, dated 09/24/2015, with revision **1** dated 05/18/2016, prepared by CBuck, Inc., signed and sealed by James L. Buckner**,** P.E.

### B. TESTS *"Submitted under NOA # 14-1222.01"*

| | Test Report | Test | Date | Signature |
|---|---|---|---|---|
| **1.** | 101555722SAT-001AR1 | ASTM E84-13a | 12/08/17 | Servando Romo |
| **2.** | 101529066TOR-001bR2 | ASTM C158-04 | 11/27/14 | Rick Curkeet, P.E. |
| **3.** | 101529066TOR-001cR2 | ASTM E96-12 | 12/01/14 | Rick Curkeet, P.E. |
| **4.** | 101529066TOR-001eR2 | ASTM C203-05a 2012 | 11/27/14 | Rick Curkeet, P.E. |
| **5.** | 101529066TOR-001fR | ASTM D1621-10 | 11/27/14 | Rick Curkeet, P.E. |
| **6.** | 101529066TOR-001gR2 | ASTM C209-12 | 12/01/14 | Rick Curkeet, P.E. |
| **7.** | 101529066TOR-001hR2 | ASTM D1623-09 | 11/27/14 | Rick Curkeet, P.E. |
| **8.** | 101529066TOR-001iR2 | ASTM D1622-08 | 11/27/14 | Rick Curkeet, P.E. |
| **9.** | 101529066TOR-001kR1 | ASTM D2126-09 | 01/20/15 | Rick Curkeet, P.E. |

***"Submitted under NOA # 08-0320.01"***

| | Test Report | Test | Date | Signature |
|---|---|---|---|---|
| **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 *"Submitted under NOA # 14-1222.01"*

**1.** Statement letter of code conformance to the 5th edition (2014) FBC issued by CBuck, Inc, dated 09/24/2015, signed and sealed by James L. Buckner, P.E.

**2.** Certificate of financial independence prepared by CBuck, Inc., dated 09/24/2015, signed and sealed by James L. Buckner, P.E.

**Sifang Zhao, P.E.**
**Product Control Examiner**
**NOA-No 22-0119.02**
**Expiration Date: July 1, 2027**
**Approval Date: February 17, 2022**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**2. Evidence submitted under NOA # 20-0701.08**

**A. DRAWINGS**

**1.** Drawing No. **1d-DPBS-21-MDNOA**, titled "Thermax™ Insulation Sheathing", sheets 1 and 2 of 2, prepared by NEMO/etc., dated 02/03/2021, signed and sealed by Robert Nieminen, P.E.

**B. TESTS**

**1.** None.

**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 the 7th edition (2020) of the FBC, issued by NEMO/etc., dated 02/04/2020, signed and sealed by Robert Nieminen, P.E.

**2.** Certificate of incorporation and good standing issued to DuPont de Nemours, Inc. by the State of Delaware, and dated June 3rd, 2019.

**3.** Name change Certificate prepared by corporate counsel and assistant secretary of DuPont de Nemours, Inc., and dated July 25th, 2019.

**3. New evidence submitted**

**A. DRAWINGS**

**1.** None.

**B. TESTS**

**1.** None.

**C. CALCULATIONS**

**1.** None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATION**

**1.** None.

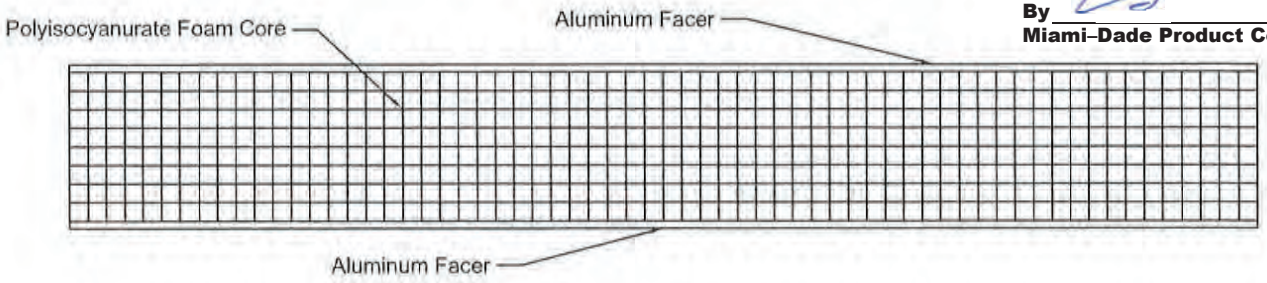
**F. STATEMENTS**

**1.** Statement letter of the services, issued by NEMO/etc., dated 01/13/2022, signed by Jacob Marganski and Freddy Riofrio.

**2.** Verification letter for renewal of their NOA–No. 20-0701.08, issued by DuPont Water and Protection, dated 11/15/2021, signed by Melissa Grant.

# PRODUCT ENGINEERING DATA

**PRODUCT RENEWED**
**as complying with the Florida Building Code**
**NOA–No.** 22-0119.02
**Expiration Date** 07 / 01 / 2027
**By** _____
**Miami–Dade Product Control**




## THERMAX™ Sheathing

| TABLE 1 | | | | | |
|---|---|---|---|---|---|
| Properties | Standards | Units | Typical Results | | |
| Density (1" Thick) | ASTM D1622 | lbs/ft$^3$ | 2.37 | | |
| Thermal Resistance/R-Value (1" Thick @ 75° F) | ASTM C518 | °F*ft$^2$*h/Btu*In | 6.6 | | |
| Compressive Strength (1" Thick) | ASTM D1621 | psi | 30.4 | | |
| Flexural Strength (1" Thick) | ASTM C203 | psi | 79.5 | | |
| Break Load (1" Thick) | ASTM C203 | lbf | 14.5 | | |
| Water Absorption (1" Thick) | ASTM D209 | % by Volume | 0.03 | | |
| Water Vapor Transmission (1" Thick) | ASTM E96 | perms | 0.04 | | |
| Tensile Strength (1" Thick) | ASTM C209 | psf | 3190 | | |
| Dimensional Stability (7 days Exposure) | ASTM D2126 | % | By Length | By Width | By Thickness |
| @ -40 ± 4°F & Ambient R.H. | | | 0.0 | 0.0 | 0.3 |
| @ 158 ± 4°F & 97% R.H. | | | 0.2 | 0.1 | 1.3 |
| @ 200 ± 4°F & Ambient R.H. | | | -0.1 | 0.0 | -0.6 |
| Flame Spread Index (1" Thick Foam Core) | ASTM E84 | – | 20 | | |
| Smoke Developed Index (1" Thick Foam Core) | ASTM E84 | – | 80 | | |

General Notes:

1. THERMAX™ Insulation Sheathing is manufactured to meet the physical property requirements of ASTM C1289, Type 1, Class 2. The standards listed in table 1 are included in ASTM C1289.

2. Application of THERMAX™ Insulation Sheathing shall comply with all pertinent sections of the Florida Building Code.

3. THERMAX™ Insulation Sheathing must be fully protected on the interior side of the walls by a minimum ½ inch thick gypsum board or other suitable thermal barrier.

4. THERMAX™ Insulation Sheathing has not been evaluated for outdoor exposure. It is designed to be protected from the elements at all times.

ROBERT NIEMINEN LICENSE No 59166 2020-05-04 STATE OF FLORIDA PROFESSIONAL ENGINEER
P.E. Stamp

TITLE: THERMAX™ Insulation Sheathing

NEMO|etc.
353 Christian Street, Unit #13
Oxford, CT 06478
TEL: 203 262 9245
FAX: 203 262 9243
WWW.NEMOETC.COM

DUPONT
DuPont de Nemours, Inc.
1501 Larkin Center Drive
Midland, MI, 48642
Manufacturer

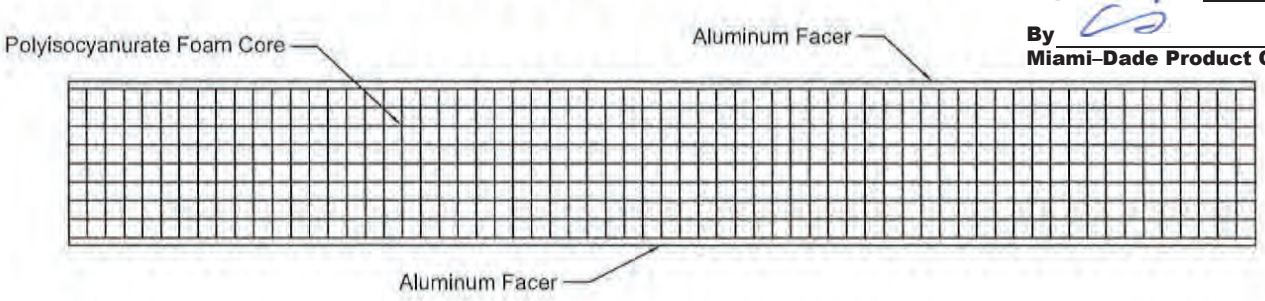
| | |
|---|---|
| NEMO\|ETC | |
| Date: | 2/3/2021 |
| Page: | 1 of 2 |
| Project #: | 1d-DPBS-21-MDNOA |
| Drawn By: | Jacob Marganski |
| Scale: | Not to Scale |
| Facility: | 1500 John Tipton BLVD Pennsauken, NJ 08110 |

**PRODUCT RENEWED**
**as complying with the Florida Building Code**
**NOA–No.** 22-0119.02

**Expiration Date** 07 / 01 / 2027

**By**
**Miami–Dade Product Control**

# PRODUCT ENGINEERING DATA




## THERMAX™ WT-1

TABLE 1

| Properties | Standards | Units | Typical Results | |
|---|---|---|---|---|
| Density (1" Thick) | ASTM D1622 | $lbs/ft^3$ | 2.41 | |
| Thermal Resistance/R-Value (1" Thick @ 75° F) | ASTM C518 | $°F*ft^2*h/Btu*In$ | 6.16 | |
| Compressive Strength (1" Thick) | ASTM D1621 | psi | 29 | |
| Flexural Strength (1" Thick) | ASTM C203 | psi | 78 | |
| Break Load (1" Thick) | ASTM C203 | lbf | 18 | |
| Water Absorption (1" Thick) | ASTM D209 | % by Volume | 0.1 | |
| Water Vapor Transmission (1" Thick) | ASTM E96 | perms | 0.02 | |
| Tensile Strength (1" Thick) | ASTM C209 | psf | 5500 | |
| Dimensional Stability (7 days Exposure) | ASTM D2126 | % | By Length/Width | By Thickness |
| @ -40 ± 4°F & Ambient R.H. | | | <0.1 | -0.3 |
| @ 158 ± 4°F & 97% R.H. | | | 0.1 | <0.1 |
| @ 200 ± 4°F & Ambient R.H. | | | -0.1 | -1.3 |
| Flame Spread Index (4" Thick Foam Core) | ASTM E84 | – | 25 | |
| Smoke Developed Index (4" Thick Foam Core) | ASTM E84 | – | 200 | |

General Notes:

1. THERMAX™ WT-1 is manufactured to meet the physical property requirements of ASTM C1289, Type 1, Class 2. The standards listed in table 1 are included in ASTM C1289.

2. Application of THERMAX™ WT-1 shall comply with all pertinent sections of the Florida Building Code.

3. THERMAX™ WT-1 must be fully protected on the interior side of the walls by a minimum ½ inch thick gypsum board or other suitable thermal barrier.

4. THERMAX™ WT-1 has not been evaluated for outdoor exposure. It is designed to be protected from the elements at all times.

ROBERT NIEMINEN LICENSE No 59166 2020-02-04 STATE OF FLORIDA PROFESSIONAL ENGINEER
P.E. Stamp

TITLE: THERMAX™ WT-1


NEMOetc.
ENGINEER | EVALUATE | TEST | CONSULT
353 Christian Street, Unit #13
Oxford, CT 06478
TEL: 203 262 9245
FAX: 203 262 9243
WWW.NEMOETC.COM


DUPONT
DuPont de Nemours, Inc.
1501 Larkin Center Drive
Midland, MI, 48642
Manufacturer

| | |
|---|---|
| NEMO\|ETC | |
| Date: | 2/3/2021 |
| Page: | 2 of 2 |
| Project #: | 1d-DPBS-21-MDNOA |
| Drawn By: | Jacob Marganski |
| Scale: | Not to Scale |
| Facility: | 1500 John Tipton Blvd. Pennsauken, NJ 08110 |