



**MIAMI-DADE**  
**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)**

**The Dow Chemical Company.**  
**200 Larkin Center**  
**1605 Joseph Street**  
**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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Wall Insulated with Thermax TF 610.**

**APPROVAL DOCUMENT:** Drawing No. 250034-4, titled "Insulated Masonry Wall System with 5/8" Exterior Plywood", sheet 1 of 1, prepared by The Dow Chemical Company, signed and sealed by J. R. Mehlretter, P.E., dated 02/28/03 with no revisions, 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 Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**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 NOA # 96-0429.09 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Candido F. Font, P.E.



**NOA No 02-0703.03**  
**Expiration Date: July 1, 2007**  
**Approval Date: April 17, 2003**  
**Page 1**

**The Dow Chemical Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A DRAWINGS**

1. Drawing No. 250034-4, titled "Insulated Masonry Wall System with 5/8" Exterior Plywood", sheet 1 of 1, prepared by manufacturer, signed and sealed by R.G. Miller, P.E., dated 6/9/98 with revision on 3/30/99.

**B. TESTS**

	Laboratory Report	Test	Date	Signature
1.	SGS #101383-3	ASTM E-84	01/22/98	D. H. Mangnall, PE
2.	SGS #101383-4	ASTM E84	01/22/98	D. H. Mangnall, PE
3.	SGS #101383-12	ASTM C209	04/01/98	D. H. Mangnall, PE.
4.	SGS #101383-13	ASTM D1621	04/02/98	D. H. Mangnall, PE.
5.	SGS # 101383-22	ASTM C518	09/21/98	D. H. Mangnall, PE.
6.	SGS # 101383-24	ASTM E96	10/05/98	D. H. Mangnall, PE.
7.	SGS #101383-25	ASTM E96	10/05/98	D. H. Mangnall, PE.
8	CTLA-206W	PA202 & 203	06/23/98	R. Patel, PE.

**C. CALCULATIONS**

None

**D. MATERIAL CERTIFICATION**

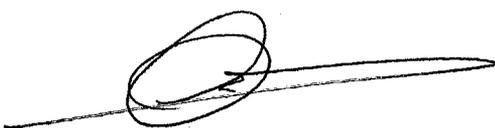
None

**E STATEMENTS**

- 1 Addendum to test report # CTLA 206W prepared by Certified Testing Laboratories on 06/23/98 signed by J. W. Blakely
2. Test compliance letter prepared by Certified Testing Laboratories on 06/23/98, signed by R. C. Patel, PE.
3. Test compliance letters prepared by SGS U.S. Testing Company Inc. on 10/06/98, 04/17/98 & 01/23/98, signed by J. Chien, F. Savino & S. Caldarola.
4. No change letter issued by Celotex Corporation on 04/12/96 and signed by D. G. Gehring PE.
5. No change letter issued by The Dow Chemical Company on 08/05/02 and signed by H. Reffert.
6. Bill of sale between Celotex Corporation and The Dow Chemical Company made on 07/23/01 and signed by authorized representatives.

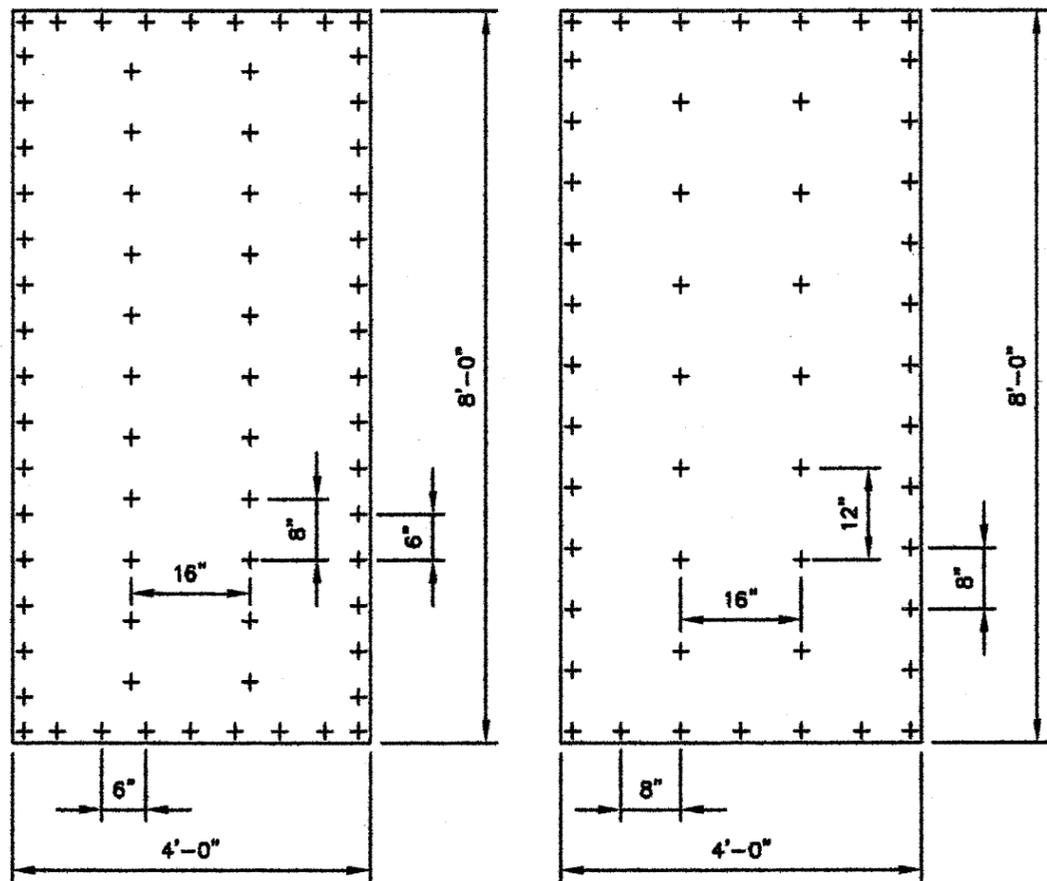
**F. OTHER**

NOA 96-0429.09.



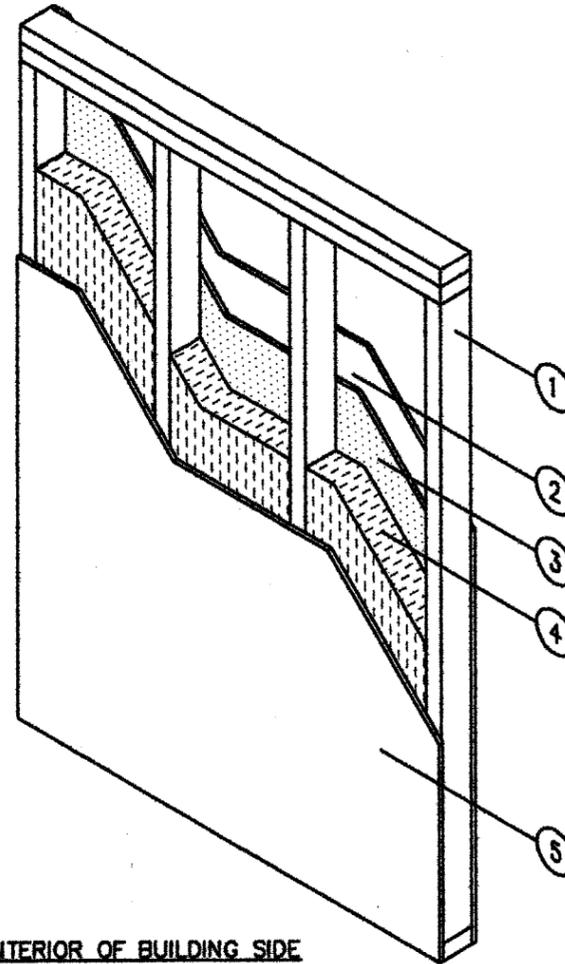
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**Candido F. Font, P.E.**  
Senior, Product Control Division  
NOA No 02-0703.03  
Expiration Date: July 1, 2007  
Approval Date: April 17, 2003



② 5/8" PLYWOOD

③ 1/2" THERMAX SHEATHING



INTERIOR OF BUILDING SIDE

**INSTALLATION**

- A. APPLY 1/2" THERMAX WITH 12 GA. X 3/8" X 1-1/2" LONG ROOFING NAIL, 8" O.C. PERIMETER, 12" O.C. FIELD.
- B. APPLY 5/8" PLYWOOD OVER 1/2" THERMAX WITH 10D GALVANIZED NAILS, 6" O.C. PERIMETER, 8" O.C. FIELD.
- C. ROOM SIDE SURFACE SHALL BE 1/2" REGULAR GYPSUM BOARD.
- D. TAPE JOINTS WITH FOIL TAPE.
- E. PLYWOOD AND STUD FRAMING MUST COMPLY WITH CHAPTER 23 OR F.B.C. 2001

DESIGN PRESSURE RATING
±82 PSF

THIS SYSTEM IS CONSIDERED IMPACT RESISTANT AS LONG AS THE EXTERIOR SHEATHING IS 5/8" (5-PLY) PLYWOOD SUPPORTED BY 2"x4" STUDS @ 16" O.C.

- ① 16" O.C. 2"x4" WOOD STUD WALL
- ② 5/8" PLYWOOD (5 PLIES)
- ③ 1/2" THERMAX SHEATHING (TF 610)
- ④ R-13 GLASS FIBER BATTS
- ⑤ 1/2" GYPSUM BOARD SECURED TO STUD WALL WITH 137 O.D. X 1-1/4" LONG STANDARD DRYWALL SCREWS 12" O.C.

(1/2") THERMAX TF 610		
PROPERTIES	RESULTS	TESTS
DENSITY	2.55 LBS/FT <sup>3</sup>	ASTM C 518
THERMAL RESISTANCE	0.136 BTU-INCH/HR FT <sup>2</sup> -F	ASTM C 518
COMPRESSIVE STRENGTH	12.5 PSI AT 10% DEF	ASTM D 1621
MODULUS OF ELASTICITY	140 PSI	ASTM D 1621
WATER ABSORBED BY VOLUME	1.74%	ASTM C 209
WATER VAPOR TRANSMISSION	0.15 PERMS	ASTM E 96
FLAME SPREAD INDEX	15 (4-1/2" THICK)	ASTM E 84
SMOKE DEVELOPED VALUE	95 (4-1/2" THICK)	ASTM E 84

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 02-0703.03  
 Expiration Date 07/01/07  
 By [Signature]  
 Miami Dade Product Control  
 Division

JAMES R. MEHRTRETT, P.E.  
 FL. LIC. No. 33860  
 [Signature] 2/28/03  
 Date

REVISIONS		 THE DOW CHEMICAL COMPANY 200 LARKIN CENTER 1605 JOSEPH STREET MIDLAND, MI 48674	
NO	DATE		
1		INSULATED WALL SYSTEM WITH 5/8" EXTERIOR PLYWOOD	
2			
3			
4		DR: SM	SC: JRM
5		DATE: 2/28/03	DWG. 250034-4