



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)

www.miamidadade.gov/buildingcode

The Dow Chemical Company.
1971 West Lumsden Road # 214
Brandon, FL 33511

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Insulated Wall System with Thermax TF-610.

APPROVAL DOCUMENT: Drawing No. 250034-4, titled "Insulated Wall System with 5/8" Exterior Plywood", sheet 1 of 1, dated 02/28/03, prepared by The Dow Chemical Company, signed and sealed by Arthur J. Parker, 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 # 02-0703.03 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.



[Handwritten Signature]
10/19/07

NOA No 07-0629.12
Expiration Date: July 1, 2008
Approval Date: November 15, 2007
Page 1

The Dow Chemical Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **250034-4**, titled "Insulated Masonry Wall System", sheet 1 of 1, dated 02/28/03, prepared by The Dow Chemical Company, signed and sealed by Arthur J. Parker, P.E.

B. TESTS

<u>Test Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
SGS #101383-3	ASTM E-84	01/22/98	D. H. Mangnall, P.E
SGS #101383-4	ASTM E-84	01/22/98	D. H. Mangnall, P.E
SGS #101383-12	ASTM C-209	04/01/98	D. H. Mangnall, P.E.
SGS #101383-13	ASTM D-1621	04/02/98	D. H. Mangnall, P.E.
SGS #101383-22	ASTM C-518	09/21/98	D. H. Mangnall, P.E.
SGS #101383-24	ASTM E-96	10/05/98	D. H. Mangnall, P.E.
SGS #101383-25	ASTM E-96	10/05/98	D. H. Mangnall, P.E.
CTLA-206W	PA 202 & 203	06/23/98	R. Patel, P.E

(Evidence submitted under NOA # 02-0703.03)

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATION

1. None

F. 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, P.E.
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.

(Evidence Submitted under NOA # 02-0703.03)

G. OTHER

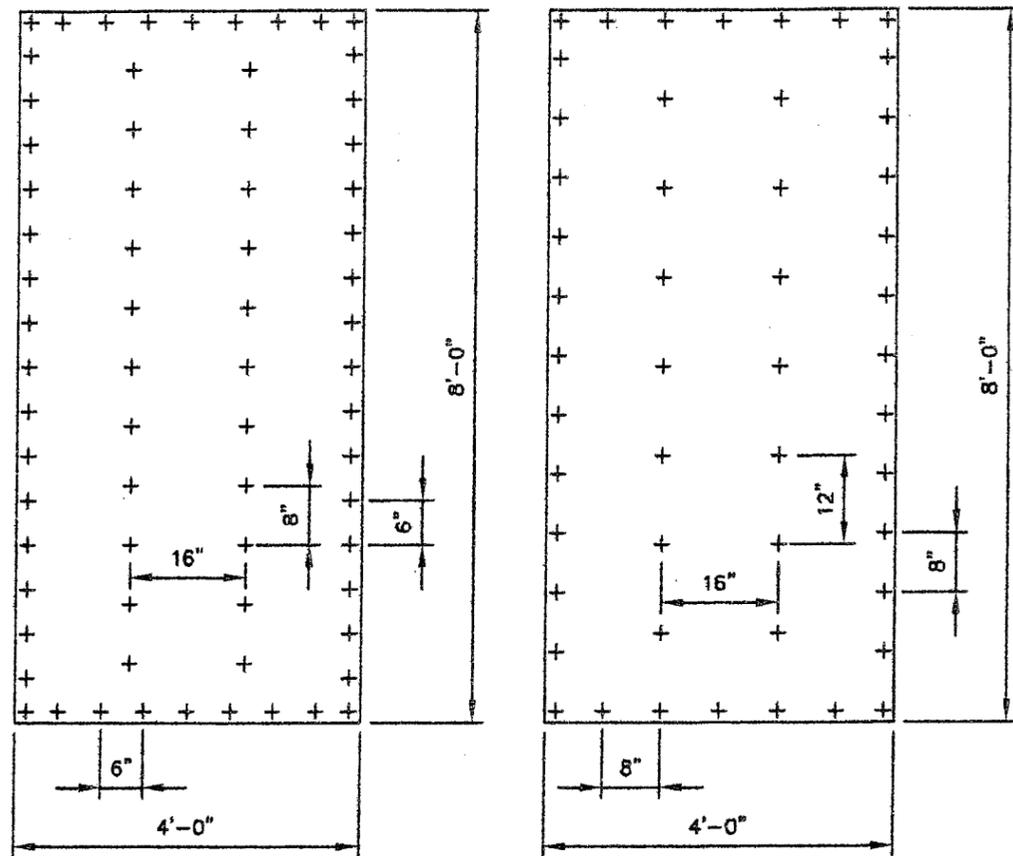
1. Testing contracting statement issued by Intertek Testing Services NA, Inc., dated 06/11/07, signed by David J. Neugebauer.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-0629.12

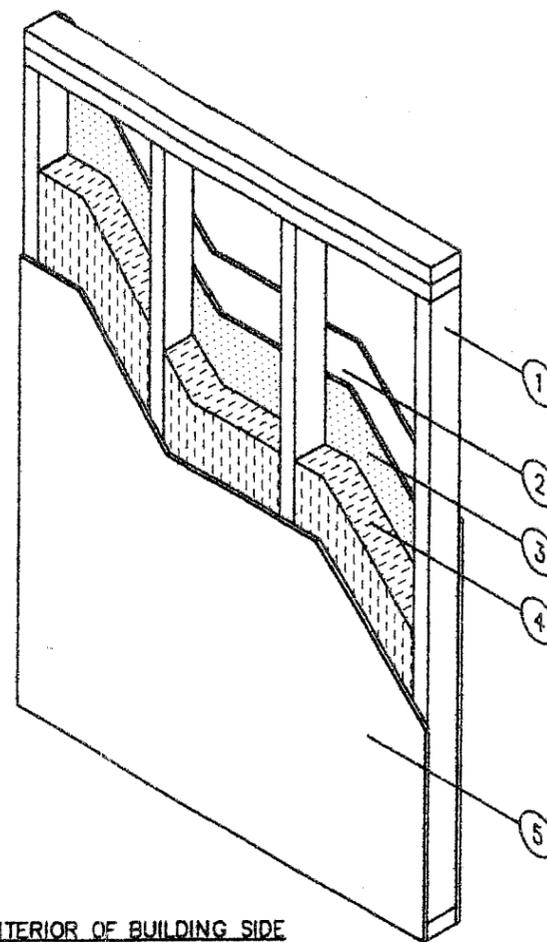
Expiration Date: July 1, 2008

Approval Date: November 15, 2007



② 5/8" PLYWOOD

③ 1/2" THERMAX SHEATHING



INTERIOR OF BUILDING SIDE

- 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 ³	ASTM C 518
THERMAL RESISTANCE	0.136 BTU-INCH/HR FT ² -°F	ASTM C 518
COMPRESSIVE STRENGTH	12.5 PSI AT 10% DEF	ASTM D 1621
MODULOS 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

INSTALLATION

- A. APPLY 1/2" MIN. THERMAX WITH 12GA 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" MIN. THERMAX WITH 100 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 OF F.B.C. 2004

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.

APPROVED FOR CONSTRUCTION
 DATE: 07/01/2008
 07-0629.12
[Signature]
 PROJECT MANAGER

[Handwritten Signature]
 10/18/07
 FL LIC. NO. 55279

REVISIONS		NO	DATE	THE DOW CHEMICAL COMPANY FLORIDA OFFICE 1971 WEST LUMSDEN RD. # 214 BRANDON, FL 33511
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3				
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