



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.miamidade.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 Masonry Wall System with Thermax TF-610.

APPROVAL DOCUMENT: Drawing No. 250034-3, 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., 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: None

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 # 02-0703.02 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
10/19/07

NOA No 07-0629.11
Expiration Date: July 1, 2008
Approval Date: November 15, 2007
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 250034-3, 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

Test Report	Test	Date	Signature
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.

(Evidence Submitted under NOA # 02-0703.02)

C. CALCULATIONS

None

D. QUALITY ASSURANCE

Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATION

None

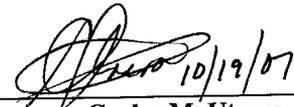
F. STATEMENTS

1. 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.
2. No change letter issued by Celotex Corporation on 04/12/96 and signed by D. G. Gehring, P.E.
3. No change letter issued by The Dow Chemical Company on 08/05/02 and signed by H. Reffert.

(Evidence Submitted under NOA # 02-0703.0)

G. OTHER

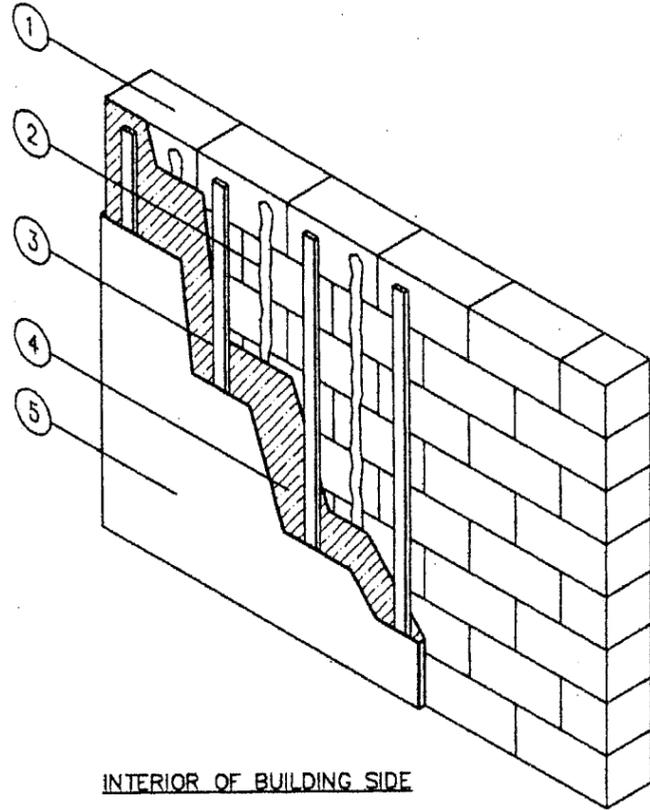
1. Testing contracting statement issued by Intertek Testing Services NA, Inc., dated 06/11/07, signed by David J. Neugebauer.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-0629.11

Expiration Date: July 1, 2008

Approval Date: November 15, 2007



- ① 8"x8"x16" C90 CMU WITH MASONRY MORTAR PER ASTM C270
- ② LIQUID NAILS
- ③ WOOD FURRING STRIP (1"x2")
- ④ 1/2" THERMAX SHEATING (TF 610)
- ⑤ 1/2" GYPSUM BOARD

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 ON 24" CENTERS WITH MECHANICAL FASTENERS PENETRATING THE MASONRY 1" MINIMUM AND SPACED 12" O.C. 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 COMPLYING WITH CHAPTER 21 OF THE F.B.C. 2004

INTERIOR OF BUILDING SIDE

(1/2") THERMAX TF 610		
PROPERTIES	RESULTS	TESTS
DENSITY	2.55 LBS/FT ³	ASTM C 518
THERMAL CONDUCTIVITY	0.136 BTU-INCH/HR FT ² -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
 in compliance with the Florida
 Building Code
 Acceptance No. 07-0629.11
 Expiration Date 07/01/2008
 By: *[Signature]*
 Miami Code Control
 Division

Am J. Pe
 10/18/07
 FL PELSC No 55279

REVISIONS		THE DOW CHEMICAL COMPANY FLORIDA OFFICE 1971 WEST LUMSDEN RD. # 214 BRANDON, FL 33511	
NO	DATE		
1		INSULATED MASONRY WALL SYSTEM	
2			
3			
4		DR: SM	SC: JRM
5		DATE: 2/28/03	DWG. 250034-3