



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

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Owens Corning
One Owens Corning Parkway
Toledo, OH 44659

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: Fold Form® Insulated Concrete Forms

APPROVAL DOCUMENT: Drawing No. OCICF01, titled "Owens Corning Fold Form® Insulated Concrete Forms" sheet 1 of 1, prepared by Owens Corning Foam Insulation, L.L.C., dated 02/06/2007, signed and sealed by Arthur J. Parker, P.E., bearing the Miami-Dade County Product Control Approval Stamp with the Notice of Acceptance number and approval 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:

Benchmark Foam Inc.
3200 9th Ave. SE
Watertown, SD 57201

Georgia Foam Inc.
1090 Airport Industrial Park
Gainesville, GA 30501

Mid-Atlantic Foam
57 Joseph Mills Drive
Fredericksburg, VA 22404

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 consists of this page 1, evidence pages E-1, as well as approval document mentioned above.

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



NOA No 06-0823.09
Expiration Date: May 31, 2012
Approval Date: May 31, 2007
Page 1

Owens Corning

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No. **OCICF01**, titled "Owens Corning Fold Form® Insulated Concrete Forms" sheet 1 of 1, prepared by Owens Corning Foam Insulation, L.L.C., dated 02/06/2007, signed and sealed by Arthur J. Parker, P.E.

B. TEST

<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
<u>Intertek Testing Services NA, Inc:</u>			
1. 3109214SAT-001	ASTM E84-05	04/17/07	Chris Bowness, P.E.
2. 3120917-001	ASTM D 1929-96	04/20/07	Chris Bowness, P.E.
3. 3114878SAT-001	ASTM D 1929-96	01/05/07	Chris Bowness, P.E.
4. 3114878SAT-003	ASTM D 635-03	02/02/07	Chris Bowness, P.E.
5. 3114878SAT-002	ASTM D 2843-99	02/13/07	Chris Bowness, P.E.
<u>RADCO:</u>			
1. RAD-487	ASTM C 303-02	04/02/07	R. F. Tucker, P.E.
2. RAD-487	ASTM C 518-04	04/02/07	R. F. Tucker, P.E.
3. RAD-487	ASTM C 272-01	04/02/07	R. F. Tucker, P.E.
4. RAD-487	ASTM D 2126-04	04/02/07	R. F. Tucker, P.E.
5. RAD-487	ASTM E 96-05	04/02/07	R. F. Tucker, P.E.
6. RAD-488	ASTM D 1621-04	04/02/07	R. F. Tucker, P.E.
7. RAD-488	ASTM C 203-05	04/02/07	R. F. Tucker, P.E.
8. RAD-488	ASTM D 2863-06	04/02/07	R. F. Tucker, P.E.

C. CALCULATION

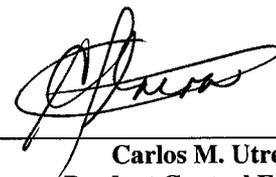
N/A

D. QUALITY ASSURANCE

1. Miami-Dade County BCCO.

E. STATEMENTS

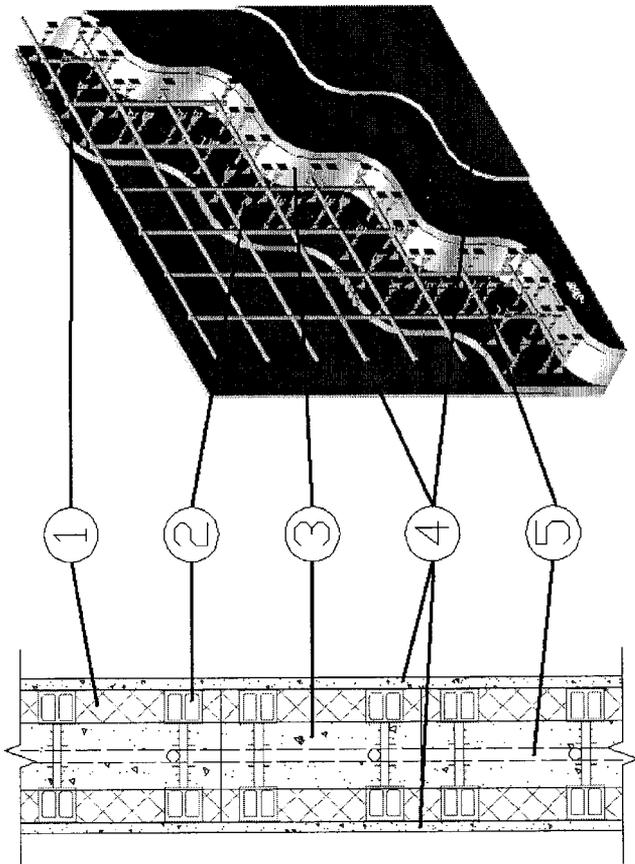
1. Letter of Compliance issued by Hughes Associates, Inc., dated 04/17/07, signed and sealed by Arthur J. Parker, P. E.
2. Letter of No Financial Interest issued by Hughes Associates, Inc., dated 04/17/07, signed sealed by Arthur J. Parker, P.E.
3. Letter of Compliance issued by Advanced Technology Engineering Group, L.L.C., dated 02/20/07, signed and sealed by Chris Shawn, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 06-0823.09
Expiration Date: May 31, 2012
Approval Date: May 31, 2007



OWENS CORNING
Fold Form® Insulated Concrete Forms



1. Owens Corning Fold Form® ICF
2. Polypropylene Ties
3. Cast in Place Concrete Core
4. Interior/Exterior Finish
5. Reinforcement

Approved as constructed with the
 05/31/2007
 06-0823.09
 By: [Signature]

Owens Corning's **FOLD-FORM®** Insulated Concrete Form system consists of pre-assembled interlocking expanded polystyrene (EPS) rigid foam plastic boards separated by high-impact polypropylene ties that serve as permanent formwork for reinforced concrete beams, lintels, exterior and interior walls, and foundation and retaining walls. The EPS foam sections are 12" high, 48" long, and 2" thick and comply with ASTM C578 Type IX. The polypropylene ties are spaced 8" oc horizontally and 8 1/4" vertically and are available in different lengths to accommodate concrete walls from 4" to 16" thick. The concrete wall form shall comply with ACI 347, and the concrete walls shall be designed to comply with ACI 318.

This approval pertains to the insulation properties of Owens Corning Fold Form® Insulated Concrete Forms and it does not approve the concrete, structural nor forming capacity of the material and the system.

Material Property	Standard	Result
ALL APPROVED EPS RESIN		
Density, min, lbs/ft ³	ASTM C 303	1.82 - 2.04 lbs/ft ³
Flame Spread (ceiling only)	ASTM E 84	0
Smoke Developed (ceiling only)	ASTM E 84	5
Spontaneous-Ignition Temperature, °F	ASTM D 1929	>840 °F
Thermal Resistance (Ft ² x hr/Btu) @ 75F	ASTM C 518	R -4.3/in
Water Vapor Permeance of 1.00-in. thickness, perm	ASTM E 96	2.3 perm
Water Absorption by total immersion, volume %	ASTM C 272	1.6 %
Compressive strength, psi	ASTM D 1621	31.5 psi
Flexural Strength, psi	ASTM C 203	63.8 psi
Thermal & Humid Aging (Dimensional Stability), change in dimensions, %	ASTM D2126	<0.5 %
Oxygen Index, volume %	ASTM D 2863	>24 %
Polypropylene Ties		
Spontaneous Ignition Temperature, °F	ASTM D 1929	716 °F
Smoke Density Rating	ASTM D 2843	10.5
Rate of Burning	ASTM D 635	Meets HB

Owens Corning Foam Insulation, L.L.C
 One Owens Corning Parkway
 Toledo, OH 43659
 Phone: 419-248-6091
 Toll-free 1-800-GETPINK
 www.owenscorning.com/foldform/

Owens Corning Fold Form® Insulated Concrete Forms			
Rev/Date	DWG. No.	OCICF01	
04/17/2007		Date	Sht
Drawn	MSD	02/06/2007	1 of 1

[Signature]

[Signature]