



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) 372-6339

www.miamidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

BuildBlock Building Systems, LLC
9701 N. Broadway Extension
Oklahoma City, OK 73114

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: BuildBlock Insulating Concrete Forms

APPROVAL DOCUMENT: Drawing titled "BuildBlock Insulating Concrete Form System", sheet 1 of 1, dated 06/25/09, with Revision 003 dated 11/09/09, prepared by BuildBlock Building Systems, LLC, signed and sealed by Robert F. Oleck, 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, city and state: BuildBlock Building Systems, LLC, Orlando, FL and the 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 page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Handwritten signature and date: 01/11/10

NOA No 08-0519.03
Expiration Date: February 03, 2015
Approval Date: February 03, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. titled "BuildBlock Insulating Concrete Form System", sheet 1 of 1, dated 06/25/09, with Revision 003 dated 11/09/09, prepared by BuildBlock Building Systems, LLC, signed and sealed by Robert F. Oleck, P.E.

B. TESTS

	<u>Test Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	3163402TOR-006	ASTM D1621	12/05/08	Robert F. Oleck, P.E.
2.	3163402TOR-006	ASTM D1622	12/05/08	Robert F. Oleck, P.E.
3.	3163402TOR-006	ASTM C203	12/05/08	Robert F. Oleck, P.E.
4.	RAD-2725	ASTM D1929	02/2001	Robert F. Oleck, P.E.
5.	BRYX.R7503	ASTM E84	11/10/09	Robert F. Oleck, P.E.
6.	BRYX.R5817	ASTM E84	11/12/09	Robert F. Oleck, P.E.
7.	092897	ASTM D1929	11/28/88	Robert F. Oleck, P.E.
8.	3075407	ASTM D1929	05/30/05	Robert F. Oleck, P.E.
9.	3075407	ASTM D635	05/30/05	Robert F. Oleck, P.E.
10.	05-06130	ASTM C518	06/09/05	Robert F. Oleck, P.E.
11.	110170	ASTM C1338	07/07/04	Dale E. Holloway

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. None.

F. STATEMENTS

1. Code compliance letter prepared by McLaren Engineering Group, dated 05/14/08, signed and sealed by Robert F. Oleck, Ph.D., P.E.
2. No financial interest letter prepared by McLaren Engineering Group, dated 05/14/08, signed and sealed by Robert F. Oleck, Ph.D., P.E.
3. Private label agreement between BuildBlock Building Systems, Inc, and Cellofoam North America, signed by Mike Garrett and Michael Grunnet.
4. Sales agreement between Huntsman Corporation and Flint Hills Resources, LP, dated 02/15/07.
5. Private label agreement between BuildBlock Building Systems, Inc, and Accurate Mold Plastic Corporation, signed by Mike Garrett and Randy Kerns


01/11/10

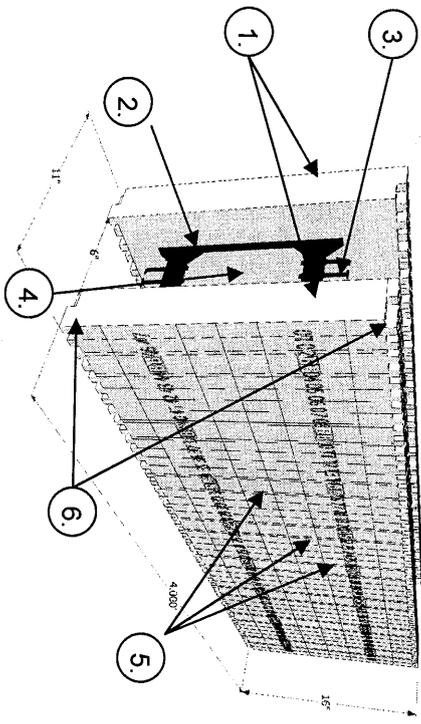
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 08-0519.03

Expiration Date: February 03, 2015
Approval Date: February 03, 2010

BuildBlock Insulating Concrete Form Description

BuildBlock Building Systems, Insulating Concrete Forms (ICF), are stay in place forms resulting in a monolithic reinforced flat concrete wall 4", 6" or 8" thick, built to the industry standard size of 16" high by 48" long. The forms are manufactured using expanded polystyrene (EPS) Type II, with a density of 1.5 pcf. The two 2.5" foam panels are connected using engineered webs made from high density Polypropylene plastic web ties.

BuildBlock Insulating Concrete Forms are made from EPS beads compliant to ASTM E-84, with a flame spread index of 25 or less and a smoke developed index of less than 450



1. Expanded Polystyrene Foam Panels
2. Patented Polypropylene Webs
3. Reinforcing Steel Lock-down Fingers
4. Concrete Core
5. Furring Strip Identification Marks
6. Reversible Top and Bottom Interlocks

Manufacturing Location
 Cellofoam N.A. 11237 Astronaut Blvd.
 Orlando, FL 32837
Manufactured With:
 BASF Styropor type BF, BFL, F, KF, MF
 Flint Hills Resources, LP grades 54, 40

NOTES
 This approval pertains to the insulation properties of BuildBlock® Insulating Concrete Forms Only. This approval does not imply approval of the concrete used within the form system or the structural and/or forming capacity of the material and the system. **IMPORTANT: PROTECT PRODUCT FROM UV EXPOSURE BY ENSURING ANY EXTERIOR EXPOSED SURFACE IS EITHER FINAL FINISHED OR CLADDED WITH TEMPORARY UV PROTECTION WITHIN 30 DAYS OF INSTALLATION.**

Product Characteristics – EPS Resins

Material Property	Standard	Result	Status
Thermal Insulation	ASTM C 578-05	Flint Hills BASF	
Flammability Test	ASTM D 635-98	4.08 R/in.	pass
Fastener Lateral/Withdrawal Resistance	ASTM D 1761-88	22.3 mm/min.	pass
Spontaneous Ignition Temperature	ASTM D 1929	129 lb	pass
3-Hour Fire Resistance	ASTM E 119-00a	752° F 910° F	pass
Water Penetration Test	ASTM E 331-96	5000 lb	pass
Density	ASTM D-1622-03	0 visible pen.	pass
Flexural Strength	ASTM C-203-99	1.46	pass
Compressive Strength	ASTM D-1621-00	52.15	pass
Flame Spread Index	ASTM E-84	22.21	pass
Smoke Developed Index	ASTM E-84	5	pass
		10	pass
		250	pass
		300	pass
Product Characteristics – Polypropylene Web Tie			
Self Ignition Temperature	ASTM D – 1929	707° F	PASS
Rate of Burning	ASTM D – 635-98	0.88"/min.	C-1

OFFICE USE ONLY: VALIDATION STAMP
 REG. FLORIDA ENG.

REG. FLORIDA ENG.
 Robert Oleck, P. Eng.

MANUFACTURER
BuildBlock
 BUILDING SYSTEMS, LLC

Title
BuildBlock® Building Systems – Insulating Concrete Form System

Approved as exempting with the Florida Building Code
 Date: 02/03/2010
 No. 08-0519-03
 Miami-Dade Product Control Division
 By: [Signature]

[Signature]
 R. F. Oleck
 FL P.E. # 52514

Regional Director
 McLaren Engineering
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 Orlando, FL 32819
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 F. (831) 597-0792
 www.buildblock.com

Revision No. 003
 Revision Date 11/09/2009
 Drawn By JW

Drawing No. Miami-Dade County Approval Summary Document

Date 06.25.09

Sheet No. 1 of 1