



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 06/25/2009, with revision 3 dated 10/08/2014, prepared by BuildBlock Building Systems, LLC, signed and sealed by Robert F. Oleck, 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 Section.

**MISSILE IMPACT RATING: None**

**LABELING:** Each bundle shall bear a permanent label with the manufacturer's name, 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 renews NOA # 08-0519.03 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]*  
03/10/2015

NOA No 14-1216.08  
Expiration Date: February 3, 2020  
Approval Date: March 12, 2015  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Drawing No. titled "BuildBlock Insulating Concrete Form System", sheet 1 of 1, dated 06/25/2009, with revision 3 dated 10/08/2014, prepared by BuildBlock Building Systems, LLC, signed and sealed by Robert F. Oleck, P.E.

**B. TESTS "Submitted under NOA # 08-0519.03"**

	<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 Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATION**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 and 5<sup>th</sup> edition (2014) FBC prepared by McLaren Engineering Group, dated 01/28/2014, signed and sealed by Robert F. Oleck, P.E.

*"Submitted under NOA # 08-0519.03"*

2. No financial interest letter prepared by McLaren Engineering Group, dated 05/14/2008, signed and sealed by Robert F. Oleck, P.E.

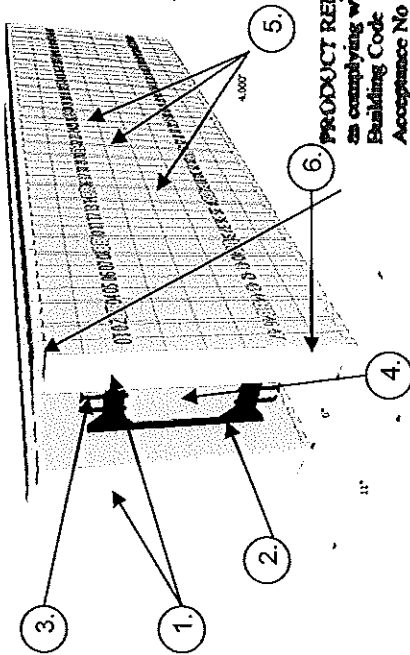
  
03/10/2015

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No 14-1216.08  
Expiration Date: February 3, 2020  
Approval Date: March 12, 2015

# 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. BuildBlock Forms comply with Florida Building Code 2014.



**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 14-1219-08  
 Expiration Date 02/23/2020

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
		Flint Hills	BASF	
Thermal Insulation	ASTM C 578-05	4.08 R/in.		pass
Flammability Test	ASTM D 635-98	22.3 mm/min.		pass
Fastener Lateral/Withdrawal Resistance	ASTM D 1761-88	129 lb		pass
Spontaneous Ignition Temperature	ASTM D 1929	752° F	910° F	pass
3-Hour Fire Resistance	ASTM E 119-00a	5000 lb		pass
Water Penetration Test	ASTM E 331-96	0 visible pen.		pass
Density	ASTM D-1622-03	1.46		pass
Flexural Strength	ASTM C-203-99	52.15		pass
Compressive Strength	ASTM D-1621-00	22.21		pass
Flame Spread Index	ASTM E-84	5	10	pass
Smoke Developed Index	ASTM E-84	250	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:**

**REGISTRATION STATE:** FLORIDA  
**REG. FLORIDA ENG.:** Robert Oleck, P. Eng.  
**LICENSE NO.:** 52514  
**STATE OF:** FLORIDA  
**PROFESSIONAL ENGINEER:** M. Laren  
 M. Laren Engineering Group  
 528 Major Blvd., St 603  
 Orlando, FL 32819  
 (407) 354-5411  
 (407) 354-3466  
 www.mglmclaren.com

## MANUFACTURER

**BuildBlock**  
 9701 N. Broadway Ext.  
 Oklahoma City, OK  
 73114  
 P. (405) 840-3386  
 F. (831) 597-0792  
 www.buildblock.com

**Title:** BuildBlock Building Systems – Insulating Concrete Form System

**Revision No.:** 003

**Revision Date:** 10/08/2014

**Drawn By:** JW/MK

**Date:** 06.25.09

**Sheet No.:** 1 of 1

**Document:** Miami-Dade County Approval Summary