



**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  
101 West Hefner Rd., Suite 102  
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 01/11/2010, with revision 6 dated 12/26/2019, prepared by BuildBlock Building Systems, LLC, signed and sealed by Robert F. Oleck, P.E., bearing the Miami-Dade County Product Control revision 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 or logo, Saint Petersburg, FL, model/series and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted.

**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** and **revises** NOA #18-0717.04 and consists of this page 1, evidence pages E-1, E-2 and E-3 as well as approval document mentioned above.

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



*Utrera*  
01/16/2020

**NOA No 19-1205.06  
Expiration Date: February 3, 2025  
Approval Date: January 23, 2020  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under previous NOA's**

**A. DRAWINGS "Submitted under NOA # 14-1216.08"**

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 "Submitted under NOA # 14-1216.08"**

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.



01/16/2020

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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No 19-1205.06**  
**Expiration Date: February 3, 2025**  
**Approval Date: January 23, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. Evidence submitted under NOA #18-0717.04**

**A. DRAWINGS**

1. Drawing No. "BuildBlock Insulating Concrete Form System", sheet 1 of 1, dated 01/11/2018, prepared by BuildBlock Building Systems, LLC, signed and sealed by Robert F. Oleck, P.E.

**B. TESTS**

1. None.

**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. Drawing statement of code conformance to 6<sup>th</sup> edition (2017) FBC issued by McLaren Engineering Group, dated 01/11/2018, signed and sealed by Robert F. Oleck, P.E.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No 19-1205.06**  
**Expiration Date: February 3, 2025**  
**Approval Date: January 23, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. New evidence submitted**

**A. DRAWINGS**

1. Drawing No. "BuildBlock Insulating Concrete Form System", sheet 1 of 1, dated 01/11/2010, with revision 6 dated 12/26/2019, prepared by BuildBlock Building Systems, LLC, signed and sealed by Robert F. Oleck, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

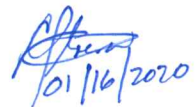
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATION**

1. None.

**F. STATEMENTS**

1. None.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No 19-1205.06**  
**Expiration Date: February 3, 2025**  
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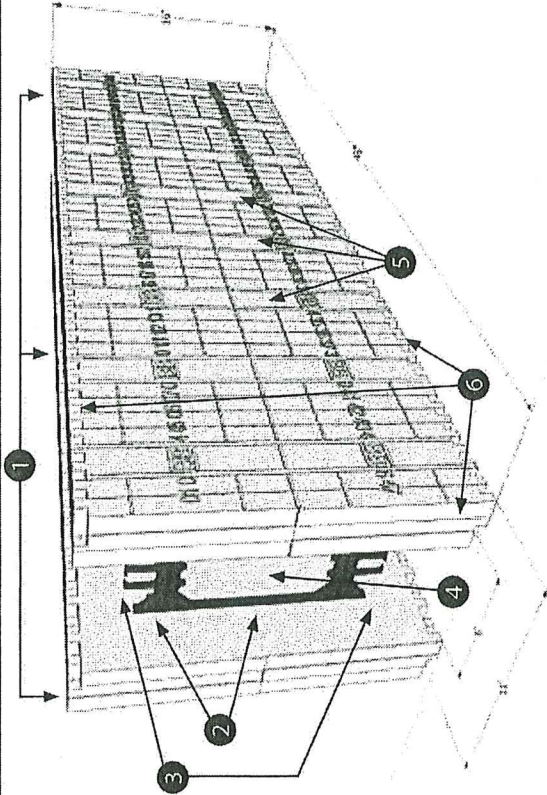
# BUILDBLOCK INSULATING CONCRETE FORM SYSTEM DESCRIPTION

BuildBlock Insulating Concrete Forms (ICF) are stay in place forms resulting in a monolithic reinforced flat concrete wall 4", 6", 8", 10", or 12" 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 is a wall opening block-out or buck system designed to integrate into wall systems constructed of BuildBlock ICF blocks or any approved ICF system of the same dimensions.

BuildBlock Forms comply with Florida Building Code 2017.



**MANUFACTURING LOCATION**  
Lifoam 2601 Anvil St. North  
St. Petersburg, FL 33710

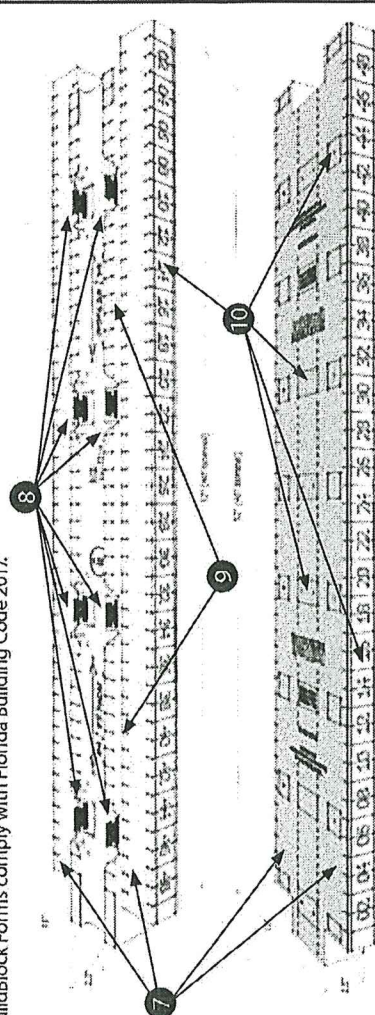
**MANUFACTURED WITH:**  
BASF Styropor type BF, BFL, F, KF, MF  
Flint Hills Resources, LP grades S4, 40

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
7. Expanded Polystyrene Foam Buck Panel
8. Patented Extruded Polystyrene Webs with Integrated Concrete Anchors
9. Buck Core Alignment Guide
10. Buck Furring Strip Identification Marks

### 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, including BuildBlock.

**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 578-12b	Flint Hills	BASF
Flammability Test	ASTM D 635-10	4.08 R/in.	Pass
Fastener Lateral/Withdrawal Resistance	ASTM D 1761-06	22.3 mm/min.	Pass
Spontaneous Ignition Temperature	ASTM D 1929-12	129 lb	Pass
3-Hour Fire Resistance	ASTM E 119-2012A	752° F	910° F
Water Penetration Test	ASTM E 331-00 (2009)	5000 lb	Pass
Density	ASTM D-1622M-14	0 visible pen.	Pass
Flexural Strength	ASTM C-203-05a	1.46	Pass
Compressive Strength	ASTM D-1621-10	52.15	Pass
Flame Spread Index	ASTM E-84-2013A	22.21	Pass
Smoke Developed Index	ASTM E-84-2013A	5	10
		250	300
Product Characteristics - Polypropylene Web Tie			
Self Ignition Temperature	ASTM D - 1929-12	707° F	PASS
Rate of Burning	ASTM D - 635-10	0.88"/min.	C-1

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. **19-1205.06**  
Expiration Date **02/03/2025**

By *[Signature]*  
Miami-Dade Product Control

REGISTERED PROFESSIONAL ENGINEER  
No. 52574  
STATE OF FLORIDA  
ROBERT F. OLECK

REGISTERED ENGINEER  
No. 19-1205.06  
STATE OF FLORIDA  
ROBERT F. OLECK

**MANUFACTURER**  
9705 N. Broadway Etc  
Suite 150  
Oklahoma City, OK 73114  
P (405) 840-3386  
F (831) 597-0792  
buildblock.com

**Title** BuildBlock Building Systems - Insulating Concrete Form System

**Drawing No.** Miami-Dade County Approval Summary Document

**Revision Date** 12/26/2019 **Revision No.** 006

**Drawn By:** JW/MK/RD

**Date** 01/11/10 **Sheet No.** 1 of 1