



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

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 5th 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.



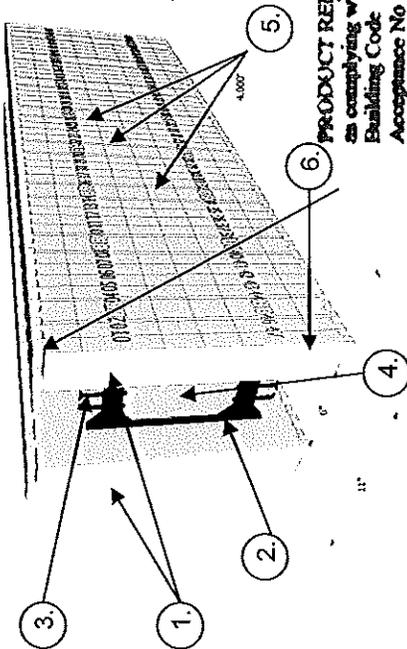
03/10/2015

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.**

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

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 |

MANUFACTURER

BuildBlock
www.buildblock.com

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Oklahoma City, OK
73114
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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

Miami-Dade County Approval Summary Document