



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/buldingcode](http://www.miamidade.gov/buldingcode)

**NOTICE OF ACCEPTANCE (NOA)**

**Reward Wall Systems, Inc.**  
9931 South 136<sup>th</sup> Street, Suite 100  
Omaha, NE 68138

**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: eForm and iForm Insulating Concrete Form**

**APPROVAL DOCUMENT:** Drawing No. 1, titled "eForm and iForm Insulating Concrete Form Material Components", dated 11/25/08, sheet 1 of 1, prepared by Reward Wall Systems, Inc, signed and sealed by Robert W. Miller, 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 Division.

**MISSILE IMPACT RATING: None**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 **renews NOA # 03-1112.05** 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.**



*Utrera*  
12/11/08

NOA No 08-0805.19  
Expiration Date: January 8, 2014  
Approval Date: December 31, 2008  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. 1, titled "eForm and iForm Insulating Concrete Form Material Components", dated 11/25/08, sheet 1 of 1, prepared by Reward Wall Systems, Inc, signed and sealed by Robert W. Miller, P.E.

**B. TESTS**

	<u>Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	Letter dated 09/24/08	ASTM E84	11/17/08	Rick Curkeet, P.E.
2.	3083138-500	ASTM D1929	11/17/08	Rick Curkeet, P.E.
3.	3083138-501	ASTM D1929	11/17/08	Rick Curkeet, P.E.
4.	3155328SAT-002	ASTM D1929	11/17/08	Rick Curkeet, P.E.
5.	ETC 97-274-4279.0	ASTM E96	11/17/08	Rick Curkeet, P.E.
6.	ETC 97-274-4279.0	ASTM C272	11/17/08	Rick Curkeet, P.E.
7.	3155328SAT-001	ASTM D635	11/17/08	Rick Curkeet, P.E.
8.	15622-102083	ASTM C518	11/17/08	Rick Curkeet, P.E.

**C. CALCULATION**

1. None.

**D. MATERIAL CERTIFICATION**

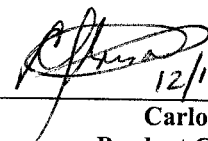
1. None.

**E. STATEMENTS**

1. Letter of code compliance issued by M2 Design Group, dated 11/25/08, signed and sealed by Robert W. Miller, P.E.

**F. OTHERS**

1. Notice of Acceptance No. 03-1112.05, issued to Reward Wall Systems, Inc, for their Insulated Concrete Form, approved on 01/08/04 and expiring on 01/08/09.

  
12/11/08

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No 08-0805.19

Expiration Date: January 8, 2014  
Approval Date: December 31, 2008

# REWARD WALL SYSTEMS, INC.

9931 SOUTH 136th STREET  
SUITE 100  
OMAHA, NE 68138-3936  
1-800-468-6344

## eFORM™ AND iFORM™ INSULATING CONCRETE FORMS

### DESCRIPTION

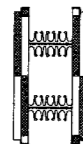
THE REWARD WALL SYSTEM IS AN INSULATING CONCRETE FORM MADE OF EXPANDED POLYSTYRENE (EPS) USED TO BUILD CAST-IN-PLACE REINFORCED CONCRETE WALLS. AFTER THE CONCRETE HAS HARDENED, THE FORMS STAY IN PLACE TO INSULATE THE WALLS. THE CONCRETE WALL FORMWORK SHALL COMPLY WITH ACI 347 AND FBC (FLORIDA BUILDING CODE) 2007. THE CONCRETE WALLS SHALL BE DESIGNED TO COMPLY WITH ACI 318. THE EPS PROPERTIES ARE LISTED BELOW. THIS APPROVAL PERTAINS TO THE INSULATION PROPERTIES OF THE REWARD WALL SYSTEM AND DOES NOT APPROVE STRUCTURAL AND OR FORMING CAPACITY OF THE MATERIAL AND THE SYSTEMS. THE MAIN COMPONENT EPS IN iFORM AND eFORM IS IDENTICAL IN COMPOSITION, COLOR AND INSULATING CAPACITY.

STANDARD	DESC	TESTED VALUES		TEST REPORT / LETTER
ASTM E 84	Flame Spread - EPS Foam	eForm - 25 or less	iForm - 25 or less	Intertek letter dated 9/24/08
ASTM E 84	Smoke Development - EPS Foam	eForm - 450 or less	iForm - 450 or less	Intertek letter dated 9/24/08
ASTM D 1929	Self Ignition - EPS Foam	914°F flaming BASF BFL 422 EPS Resin or Huntsman 6340 EPS Resin		3083138-500 and 3083138-501 dated 9/16/05
ASTM D 1929	Flash Ignition - EPS Foam	716°F flaming BASF BFL 422 EPS Resin or Huntsman 6340 EPS Resin		3083138-500 and 3083138-501 dated 9/16/05
ASTM D 1929	Self Ignition - Plastic Tie	752°F flaming		3155328SAT-002 dated 6/28/08
ASTM D 1929	Flash Ignition - Plastic Tie	680°F flaming		3155328SAT-002 dated 6/28/08
ASTM E 96	Water Vapor Transmission - EPS Foam	2.297 (g / h * m²)		ETC 97-274-4279.0 dated 10/13/97
ASTM C 272	Water Absorption - EPS Foam	Ave. = 95%		ETC 97-274-4279.0 dated 10/13/97
ASTM D 635	Rate of Burn - Plastic Tie	HB (CC2)* classification (polypropylene)		3155328SAT-001 dated 6/26/08
ASTM C 518	Thermal Transmission Properties - EPS Foam	Thickness (in.)	Thermal Resistance (°F * ft² * h / BTU)	15622-102083 dated 10/20/97
		1.0	4.11	
		2.0	8.22	
		3.0	12.33	
		3.5	14.38	

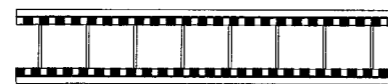
\* Material meets or exceeds the CC2 acceptance criteria for burn rate, but is not a Light-Transmitting Plastic

### STRAIGHT eFORM

LENGTH = 48'  
HEIGHT = 16'  
WIDTH = 5.5' CONCRETE CORE - 3/4' FORM  
7.5' CONCRETE CORE - 1 1/4' FORM  
SURFACE AREA = 5.33 SQ. FT.  
WEIGHT = 5 LBS.  
CONCRETE VOLUME = 1 CU. YARD FILLS 11.0 - 3/4' FORMS  
1 CU. YARD FILLS 8.1 - 1 1/4' FORMS



END



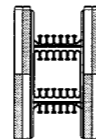
TOP



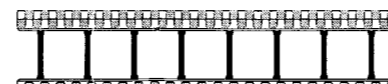
SIDE

### STRAIGHT iFORM

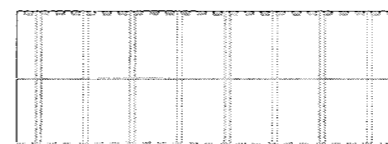
LENGTH = 48'  
HEIGHT = 16'  
WIDTH = 4' CONCRETE CORE - 9' FORM  
6' CONCRETE CORE - 11' FORM  
8' CONCRETE CORE - 13' FORM  
10' CONCRETE CORE - 15' FORM  
SURFACE AREA = 5.33 SQ. FT.  
WEIGHT = 5 LBS.  
CONC. VOLUME = 1 CU. YARD FILLS 15.1 - 9' FORMS  
1 CU. YARD FILLS 10.0 - 11' FORMS  
1 CU. YARD FILLS 7.5 - 13' FORMS  
1 CU. YARD FILLS 6.0 - 15' FORMS



END



TOP



SIDE

### 90° iFORM

LENGTH = 31' (9' FORM)  
33' (11' FORM)  
35' (13' FORM)  
31' (15' FORM)  
RETURN = 19' (9' FORM)  
21' (11' FORM)  
23' (13' FORM)  
19' (15' FORM)

### 45° iFORM

OUTSIDE LENGTH = 22' x 10'

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No 08-0805.19  
Expiration Date 01/03/2014  
By *[Signature]*  
Miami Dade Product Control  
Division

**DESIGN GROUP**  
  
7140 NORTH HIGH ST., SUITE 230  
WORTHINGTON, OHIO 43085  
614 . 844 . 5855

*Routaville*

PROJECT  
MIAMI DADE  
eForm and iForm Insulating  
Concrete Form Material Components  
REWARD WALL SYSTEMS, INC.

PROJ. NO. 08-0226  
DRAWN RUM  
DATE 11/25/08

SHEET NUMBER  
1 OF 1  
DRAWING #