MIAMI-DADE

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) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Reward Wall Systems, Inc.
4115 South 87th Street
Omaha, NE 68127

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: Insulated Concrete Forms.

APPROVAL DOCUMENT: Drawing No. 1, titled "Reward Wall Systems, Inc.", sheet 1 of 1, prepared by Reward Wall Systems, Inc, signed and sealed by J. A. Chapman, P.E., dated 10/03/02 with no revisions, 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 # 02-0809.05** and, consists of this page, evidence page as well as approval document mentioned above.
The submitted documentation was reviewed by **Candido Font, P.E.**

01/08/04

PRODUCT CONTROL ACCEPTED

NOA No 03-1112.05
Expiration Date: January 8, 2009
Approval Date: January 8, 2004

Reward Wall Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A DRAWINGS

1 Drawing No. 1, titled "Reward Wall Systems, Inc.", sheet 1 of 1, prepared by Reward Wall Systems, Inc, signed and sealed by J. A. Chapman, P.E., dated 10/03/02 with no revisions.

B TESTS

	Laboratory Report	Test	Date	Signature
1.	OPL # 15622-102083	ASTM E-C518	10/03/02	J.W. Dougherty, PE
2.	ETC 97-274-4279.0	ASTM C-303	10/13/97	D. Kehrli.
3.	OPL # 15622-102082	ASTM D-1929	10/20/97	J.W. Dougherty, PE.
4.	OPL # 15622-102084	ASTM E-84	12/04/97	J.W. Dougherty, PE.
	Additional tests submitted but not evaluated for this approval.			
5.	OPL # 15622-100710	ASTM E-119	07/07/97	W. E. Fitch, PE.
6.	OPL # 15622-1018834	ASTM E 119	07/12/99	W. E. Fitch, PE.
7.	RAL # TL98-241	ASTM E90 & E413	11/03/98	P. E. Straus.

C CALCULATIONS

None

D QUALITY ASSURANCE

1 Miami-Dade Product Control Division

E MATERIAL CERTIFICATION

None

F STATEMENTS

1 Letter from Reward Wall Systems, Inc. requesting that we issue this approval in the name of Reward Wall Systems, Inc. as the approval was previously issued to Blalock & Blalock; a distributor of their product. The letter also indicates that the product has not changed since they have been manufacturing the product for their distributors. Letter is dated 02/15/00 and signed by K.L. Doerr, PE.

2 No change letter issued by Reward Wall Systems on 11/03/03 and signed by K. L. Doerr

G OTHER

NOA # 02-0809.05

01/08/04

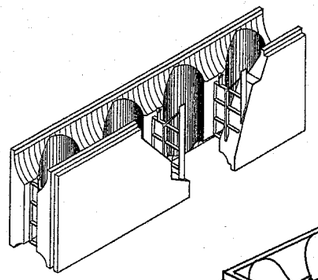
Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 03-1112.05
Expiration Date: January 8, 2009
Approval Date: January 8, 2004

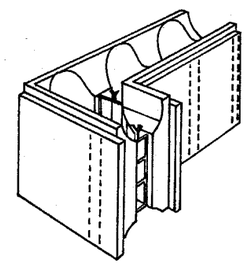
REWARD WALL SYSTEMS, INC.
4115 South 87th Street
Omaha, NE 68127-1601
402-592-7077

eForm™ and iForm™ INSULATING CONCRETE FORMS

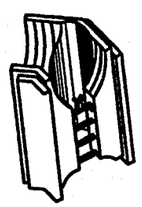
Description:
The Reward wall system is an insulating concrete form made of expanded Polystyrene (EPS) use to build cast-in-place reinforced concrete walls. After the concrete has hardened, the forms stay in place to insulate the walls. The concrete wall formwork shall comply with ACI 347 and the concrete 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 systems and it 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.

Straight eForm
Length: 48"
Height: 16"
Width – 6" nominal core: 9 ¼"
8" nominal core: 11"
Surface Area: 5.33 sq. ft.
Weight: 5 lbs.
Concrete Volume:
1 yd. fills 13.0 – 9 ¼" forms
1 yd. fills 9.5 – 11" forms





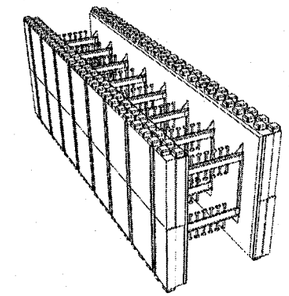
90° eForm
Length: 36"
Return: 12"

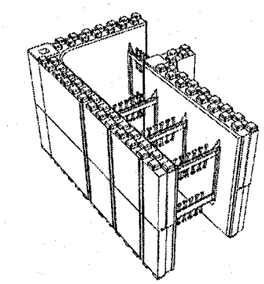


45° eForm (6" core only)
Outside length: 6"

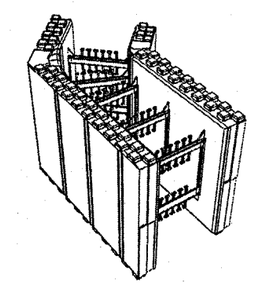
Description	Test	Proportions	
		Ceiling	Floor
Flame Spread Index	ASTM E84	5	40
Smoke Developed Index	ASTM E84	50	490
Self Ignition Temperature	ASTM D1929	917.6° F	
Flash Ignition Temperature	ASTM D192	719.6° F	
Density at 75° F and 50% PH	ASTM C303	26.14 Kg/M^3	
Water Vapor Transmission	ASTM E96	2.297 g/h.M^2	
Water Absorption	ASTM 272	95%	
Compressive Properties	ASTM 1621	23.7 PSI	
Thermal Resistance	ASTM 518	Thickness	°F. ft^{2}h BTU
		1.0	4.11
		2.0	8.22
		3.0	12.33
		3.5	14.38

Straight iForm
Length: 48"
Height: 16"
Width – 4" core: 9"
6" core: 11"
8" core: 13"
Surface Area: 5.33 sq. ft.
Weight: 5 lbs.
Concrete Volume:
1 yd. fills 15.1 – 9" iForms
1 yd. fills 10.0 – 11" iForms
1 yd. fills 7.5 – 13" iForms





90° iForm
Length: 25" – 9" iForm; 27" – 11" iForm; 29" – 13" iForm
Return: 13" – 9" iForm; 15" – 11" iForm: 17" – 13" iForm



45° iForm
Outside Length: 22" x 10"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-1112.05
Expiration Date 01/08/09
By
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0809.05
Expiration Date 3/24/03
By
Miami Dade Product Control
Division

OCT 03 2002

DRAWING # 1, SHEET 1 OF 1, DATE 10/3/02