



**MIAMI-DADE COUNTY**  
**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) 375-4786**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**Dyplast Products, LLC.**  
**12501 NW 38 Avenue**  
**Opa Locka, FL 33054**

**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: Expanded Polystyrene Block Type Insulation.**

**APPROVAL DOCUMENT:** Drawing No. 01, titled "Expanded Polystyrene Block Type Insulation", sheet 1 of 1, dated 10/26/07, with no revisions, prepared by Dyplast Products LLC, signed and sealed by James D. Burkhart, 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" or the Product Control Seal, 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 # 06-1011.05** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



*Carlos M. Utrera*  
 2/5/08

**NOA No. 07-1107.08**  
**Expiration Date: January 11, 2012**  
**Approval Date: February 28, 2008**  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. 01, titled "Expanded Polystyrene Block Type Insulation", sheet 1 of 1, dated 10/26/07, with no revisions, prepared by Dyplast Products LLC, signed and sealed by James D. Burkhart, P.E.

**B. TESTS**

	<b><u>Laboratory Report</u></b>	<b><u>Test</u></b>	<b><u>Date</u></b>	<b><u>Signature</u></b>
1.	RAD-4121	ASTM C518	05/21/07	R. F. Tucker, P.E.
2.	RAD-4121	ASTM C272	05/21/07	R. F. Tucker, P.E.
3.	RAD-4121	ASTM E96	05/21/07	R. F. Tucker, P.E.
4.	R4812	ASTM E84	04/27/06	James F. Smith.
5.	SV8770	ASTM D1929	06/20/07	R. K. Laymon.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letters of code conformance and no financial interest, dated 10/26/07, signed and sealed by James D. Burkhart, P.E.

**G. OTHER**

1. Notice of Acceptance No. **06-1011.05**, issued to Dyplast Products, LLC, approved on 05/10/07 and expiring on 01/11/08.



**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 07-1107.08**


**Expiration Date: January 11, 2012**  
**Approval Date: February 28, 2008**

DYPLAST EXPANDED POLYSTYRENE PREFORMED BLOCK TYPE INSULATION  
PHYSICAL PROPERTIES

<u>DESCRIPTION</u>	<u>TEST</u>	<u>UNIT</u>	<u>PROPERTIES</u>
DENSITY	ASTM C-303	lbs/ft <sup>3</sup>	1.05
COMPRESSIVE STRENGTH	ASTM D1621	PSI	14.08
FLEXURAL STRENGTH	ASTM C203	PSI	34.23
WATER ABSORPTION	ASTM C272	% BY VOL	1.39
AVERAGE THERMAL CONDUCTIVITY	ASTM C518	BTU in/hr-ft <sup>2</sup> -F	0.242
AVERAGE R-VALUE (1"thick)	ASTM C518	hr-ft <sup>2</sup> -F/BTU	4.13
WATER VAPOR TRANSMISSION	ASTM E96	PERMS	3.23
OXYGEN INDEX	ASTM D-2863	PASS/FAIL	PASS
DIMENSIONAL STABILITY 158 °F, 97% RH	ASTM D2126	%VOLUME	-0.28
DIMENSIONAL STABILITY -40 °F	ASTM D2126	%VOLUME	0.04
FLAME SPREAD	ASTM E84	-	20
SMOKE DEVELOPED	ASTM E84	-	185
MINIMUM SELF IGNITION TEMPERATURE	ASTM D1929	°F	878
MINIMUM FLASH IGNITION TEMPERATURE	ASTM D1929	°C	470

General Notes

1. Application of DYPLAST EPS insulation shall comply with all pertinent sections of the Florida Building Code.
2. This product has not been evaluated for outdoor exposure, therefore it shall be fully protected from the elements at all times.
3. Installation of DYPLAST EPS may be made with cement mortar on mechanical fasteners in accordance with the recommendation of DYPLAST PRODUCTS LLC.
4. This product cannot be used as sheathing and it shall be continuously supported by a structural backing.

07-1107.08  
 01/11/2012  


DYPLAST PRODUCTS LLC
12501 NW 38TH AVENUE
OPA LOCKA, FLORIDA 33054
EXPANDED POLYSTYRENE BLOCK TYPE INSULATION
DRAWING NO. 01    DRAWING DATE: 10/26/07    SHEET NO: 1 OF 1

*J. J. Roubel*  
 OPE No. 4977  
 1/5/2008