



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

Kingspan Insulation, LLC dba Dyplast Products
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 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: E and R Board Expanded Polystyrene Rigid Foam Insulations

APPROVAL DOCUMENT: Drawing No. **01**, titled “Kingspan E Board Expanded Polystyrene Rigid Foam Insulation”, sheet 1 of 1 and Drawing No. **01**, titled “Kingspan R Board Expanded Polystyrene Rigid Foam Insulation”, sheet 1 of 1, both dated 03/12/2021 and prepared by Kingspan Insulation, LLC dba Dyplast Products, signed and sealed by David W. Yarbrough, 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 board 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.

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 # 21-0419.03** and consists of this page 1 and 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.**



NOA No. 21-1228.07
Expiration Date: January 11, 2027
Approval Date: February 17, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA's

A. DRAWINGS "Submitted under NOA # 16-1129.05"

1. Drawing No. **01**, titled "Dyplast E Board Expanded Polystyrene Rigid Foam Insulation", sheet 1 of 1 and Drawing No. **01**, titled "Dyplast R Board Expanded Polystyrene Rigid Foam Insulation", sheet 1 of 1, both dated 12/21/2016 and prepared by Dyplast Products LLC, signed and sealed by David W. Yarbrough, P.E.

B. TESTS "Submitted under NOA # 16-1129.05"

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	RD16674/75-R2	ASTM C578	12/22/16	David W. Yarbrough, P.E.
2.	RD16674/75-R2	ASTM D1621-16	12/22/16	David W. Yarbrough, P.E.
3.	RD16674/75-R2	ASTM C272-16	12/22/16	David W. Yarbrough, P.E.
4.	RD16674/75-R2	ASTM C518-15	12/22/16	David W. Yarbrough, P.E.
5.	RD16674/75-R2	ASTM C203-05a	12/22/16	David W. Yarbrough, P.E.
6.	RD16674/75-R2	ASTM D1622-14	12/22/16	David W. Yarbrough, P.E.
7.	RD16674/75-R2	ASTM E96M-14	12/22/16	David W. Yarbrough, P.E.
8.	RD16674/75-R2	ASTM D2126-15	12/22/16	David W. Yarbrough, P.E.
9.	102772229MID-002a/b	ASTM D2863-13	11/14/16	Frederick D. Curkeet, P.E.
10.	102772229MID-001a/b	ASTM D1929-16	11/10/16	Frederick D. Curkeet, P.E.
11.	102761520SAT-001A	ASTM E84-16	10/14/16	Frederick D. Curkeet, P.E.
12.	102761520SAT-002A	ASTM E84-16	11/21/16	Frederick D. Curkeet, P.E.

"Submitted under NOA # 07-1107.08"

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
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 Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1228.07
Expiration Date: January 11, 2027
Approval Date: February 17, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS “Submitted under NOA # 16-1129.05”

1. Statement letter of code conformance to the 5th edition (2014) FBC prepared by R&D Services, Inc., dated 01/04/2017, signed and sealed by David W. Yarbrough, PhD, P.E.

“Submitted under NOA # 07-1107.08”

2. Statement letters of code conformance to 2007 FBC and no financial interest, dated 09/22/2011, signed and sealed by James D. Burkhart, P.E.

2. Evidence submitted under NOA # 20-1230.12

A. DRAWINGS

1. Drawing No. **01**, titled “Dyplast E Board Expanded Polystyrene Rigid Foam Insulation”, sheet 1 of 1 and Drawing No. **01**, titled “Dyplast R Board Expanded Polystyrene Rigid Foam Insulation”, sheet 1 of 1, both dated 12/29/2020 and prepared by Dyplast Products LLC, signed and sealed by David W. Yarbrough, P.E. on 01/04/2021.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 7th edition (2020) FBC issued by R&D Services, Inc., dated 12/29/2020, signed and sealed by David W. Yarbrough, PhD, P.E.

“Evidence submitted under NOA # 17-1207.05”

2. Statement letter of code conformance to the 6th edition (2017) FBC issued by R&D Services, Inc., dated 10/24/2017, signed and sealed by David W. Yarbrough, PhD, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1228.07
Expiration Date: January 11, 2027
Approval Date: February 17, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under NOA # 21-0419.03

A. DRAWINGS

1. Drawing No. **01**, titled “Kingspan E Board Expanded Polystyrene Rigid Foam Insulation”, sheet 1 of 1 and Drawing No. **01**, titled “Kingspan R Board Expanded Polystyrene Rigid Foam Insulation”, sheet 1 of 1, both dated 03/12/2021 and prepared by Kingspan Insulation, LLC dba Dyplast Products, signed and sealed by David W. Yarbrough, 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 CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 7th edition (2020) of the FBC issued by R&D Services, Inc., dated 03/30/2021, signed and sealed by David W. Yarbrough, PhD, P.E.
2. Bill of sale between Dyplast Products, LLC as seller and Kingspan Insulation, LLC as buyer, dated 03/12/2021, signed by Henry T. Berglund III, President and CEO of Dyplast Products, LLC.
3. Statement letter issued by Dyplast Products, LLC, stating that Dyplast Products, LLC legally sold all assets to Kingspan Insulation, LLC, no longer manufacture the product and giving up all rights to the NOA, dated 03/12/2021, signed by Michael Boyco, Director of Technology, Dyplast Products, LLC.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1228.07
Expiration Date: January 11, 2027
Approval Date: February 17, 2022

KINGSPAN R BOARD EXPANDED POLYSTYRENE RIGID FOAM INSULATION

PHYSICAL PROPERTY	TEST METHOD	RESULT	UNIT
CLASSIFICATION TYPE	ASTM C578	-	TYPE I
CORE DENSITY	ASTM D1622	1.01	lb _m /ft ³
COMPRESSIVE STRENGTH	ASTM D1621	11.5	lb _f /in ²
DIMENSIONAL STABILITY - -40 °F	ASTM D2126	0.03	% LINEAR CHANGE
DIMENSIONAL STABILITY - 158 °F / 97 %RH	ASTM D2126	0.25	% LINEAR CHANGE
THERMAL RESISTANCE (R-VALUE) - 1 INCH THICK	ASTM C518	3.87	hr·ft ² ·F/BTU
WATER VAPOR TRANSMISSION	ASTM E96	2.89	PERM-IN.
WATER ABSORPTION	ASTM C272	2.06	% VOLUME
FLEXURAL STRENGTH	ASTM C203	25.3	lb _f /in ²
FLAME SPREAD INDEX	ASTM E84	0	-
SMOKE DEVELOPED INDEX	ASTM E84	190	-
MINIMUM SELF IGNITION TEMPERATURE	ASTM D1929	831	°F
MINIMUM FLASH IGNITION TEMPERATURE	ASTM D1929	752	°F
OXYGEN INDEX	ASTM D2863	PASS/FAIL	PASS

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 NOA-No. 21-1228.07

Expiration Date 01/11/2027

By *R. J. [Signature]*
 Miami-Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 21-0419.03

Expiration Date 01/11/2022

By *R. J. [Signature]*
 Miami-Dade Product Control

General Notes

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

KINGSPAN INSULATION LLC dba DYPLAST PRODUCTS		
12501 NW 38 TH AVENUE		
MIAMI, FLORIDA 33054		
KINGSPAN R BOARD EXPANDED POLYSTYRENE RIGID FOAM INSULATION		
DRAWING NO. 01	DRAWING DATE: 3/12/21	SHEET NO. 1 OF 1

DAVID W. HANBROW
 CERTIFICATE NO. 50950
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
David W. Hanbrow
 3/30/21

KINGSPAN E BOARD EXPANDED POLYSTYRENE RIGID FOAM INSULATION

PHYSICAL PROPERTY	TEST METHOD	RESULT	UNIT
CLASSIFICATION TYPE	ASTM C578	-	TYPE I
CORE DENSITY	ASTM D1622	0.91	lb _m /ft ³
COMPRESSIVE STRENGTH	ASTM D1621	12.4	lb _f /in ²
DIMENSIONAL STABILITY - -40 °F	ASTM D2126	0.33	% LINEAR CHANGE
DIMENSIONAL STABILITY - 158 °F / 97 %RH	ASTM D2126	0.82	% LINEAR CHANGE
THERMAL RESISTANCE (R-VALUE) - 1 INCH THICK	ASTM C518	3.80	hr·ft ² ·F/BTU
WATER VAPOR TRANSMISSION	ASTM E96	3.22	PERM-IN.
WATER ABSORPTION	ASTM C272	3.40	% VOLUME
FLEXURAL STRENGTH	ASTM C203	27.4	lb _f /in ²
FLAME SPREAD INDEX	ASTM E84	0	-
SMOKE DEVELOPED INDEX	ASTM E84	110	-
MINIMUM SELF IGNITION TEMPERATURE	ASTM D1929	830	°F
MINIMUM FLASH IGNITION TEMPERATURE	ASTM D1929	743	°F
OXYGEN INDEX	ASTM D2863	PASS/FAIL	PASS

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 21-1228.07

Expiration Date 01/11/2027

By *R. Torres*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0419.03

Expiration Date 01/11/2022

By *R. Torres*
Miami-Dade Product Control

General Notes

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KINGSPAN INSULATION LLC dba DYPLAST PRODUCTS		
12501 NW 38 TH AVENUE		
MIAMI, FLORIDA 33054		
KINGSPAN E BOARD EXPANDED POLYSTYRENE RIGID FOAM INSULATION		
DRAWING NO. 01	DRAWING DATE: 3/12/21	SHEET NO. 1 OF 1

David W. Gubnow
3/30/21