



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
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: ISO-C1 Polyisocyanurate Rigid Foam Insulation

APPROVAL DOCUMENT: Drawing No. **01**, titled Kingspan ISO-C1 Polyisocyanurate Rigid Foam Insulation, sheet 1 of 1, prepared by Kingspan Insulation LLC, dated 12/19/2023, signed and sealed by David W. Yarbrough, P.E., bearing the Miami-Dade County Product Control revision 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 **revises NOA # 22-0627.03** 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.**



02/23/24

NOA No. 24-0102.09
Expiration Date: January 11, 2027
Approval Date: March 7, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA's

A. DRAWINGS "Submitted under NOA # 16-1108.04"

1. Drawing No. **01**, titled Dyplast ISO-C1 Polyisocyanurate Rigid Foam Insulation, sheet 1 of 1, prepared by Dyplast Products LLC, dated 12/19/2016, signed and sealed by David W. Yarbrough, PhD, P.E.

B. TESTS "Submitted under NOA # 16-1108.04"

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	RAD-5494	ASTM C303-07	12/08/16	David W. Yarbrough, P.E.
2.	RAD-5494	ASTM D1621-00	12/08/16	David W. Yarbrough, P.E.
3.	RAD-5494	ASTM C272-01	12/08/16	David W. Yarbrough, P.E.
4.	RAD-5494	ASTM C518-91	12/08/16	David W. Yarbrough, P.E.
5.	RD14300	ASTM D1623-03	12/19/16	David W. Yarbrough, P.E.
6.	RD14068-R1	ASTM D1622-08	12/19/16	David W. Yarbrough, P.E.
7.	RD14068-R1	ASTM E96-13	12/19/16	David W. Yarbrough, P.E.
8.	RD14068-R1	ASTM D2126	12/19/16	David W. Yarbrough, P.E.
9.	RD14498-R2	ASTM C273-11	12/19/16	David W. Yarbrough, P.E.
10.	RD14299	ASTM C203-05a	12/19/16	David W. Yarbrough, P.E.
11.	3050234	ASTM D1929	12/19/16	David W. Yarbrough, P.E.
12.	TJ12087-1	ASTM E84-12	12/19/16	David W. Yarbrough, P.E.

"Submitted under NOA # 06-0308.02"

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	RAD-3804a	ASTM D1621	12/29/05	R. F. Tucker, P.E.
2.	RAD-3804a	ASTM D1623	12/29/05	R. F. Tucker, P.E.
3.	RAD-3804a	ASTM D2126	12/29/05	R. F. Tucker, P.E.
4.	RAD-3804a	ASTM C518	12/29/05	R. F. Tucker, P.E.
5.	RAD-3804a	ASTM E96	12/29/05	R. F. Tucker, P.E.
6.	RAD-3804a	ASTM C272	12/29/05	R. F. Tucker, P.E.
7.	RAD-3804a	ASTM C273	12/29/05	R. F. Tucker, P.E.
8.	RAD-3804a	ASTM C203	12/29/05	R. F. Tucker, P.E.
9.	RAD-3804a	ASTM D1622	12/29/05	R. F. Tucker, P.E.
10.	UL R-22253	ASTM E84	03/06/06	Certification.
11.	UL R-22253	ASTM D1929	03/06/06	Certification.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0102.09
Expiration Date: January 11, 2027
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E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS “Submitted under NOA # 16-1108.04”

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 # 11-0926.06”

2. Statement letter of code conformance to 2007 FBC and no financial interest issued by Environmental Control, Inc., dated 09/22/2011, signed and sealed by James D. Burkhardt, P.E.

2. Evidence submitted under NOA # 20-1230.11

A. DRAWINGS

1. Drawing No. **01**, titled Dyplast ISO-C1 Polyisocyanurate Rigid Foam Insulation, sheet 1 of 1, prepared by Dyplast Products LLC, dated 12/29/2020, 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 # 17-1207.04”

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. 24-0102.09
Expiration Date: January 11, 2027
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under NOA # 21-0419.02 and new

A. DRAWINGS

1. Drawing No. **01**, titled Kingspan ISO-C1 Polyisocyanurate Rigid Foam Insulation, sheet 1 of 1, prepared by Kingspan Insulation LLC, dated 12/19/2023, 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 8th edition (2023) of the FBC, issued by R&D Services, Inc., dated 12/19/2023, signed and sealed by David W. Yarbrough, PhD, P.E.

“Submitted under NOA # 21-0419.02”


2. 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.
3. 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.
4. 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. 24-0102.09
Expiration Date: January 11, 2027
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KINGSPAN INSULATION LLC "ISO-C1" POLYISOCYANURATE RIGID FOAM INSULATION - UNFACED

PHYSICAL PROPERTY	TEST METHOD	RESULT	UNIT
CLASSIFICATION TYPE	ASTM C591	-	TYPE IV
COMPRESSIVE STRENGTH - PARALLEL TO RISE	ASTM D1621	25.8	lb _f /in ²
COMPRESSIVE STRENGTH - PERPENDICULAR TO LENGTH	ASTM D1621	33.3	lb _f /in ²
TENSILE STRENGTH	ASTM D1623	44.9	lb _f /in ²
DIMENSIONAL STABILITY - 212 °F	ASTM D2126	0.84	% LINEAR CHANGE
THERMAL RESISTANCE (R-VALUE) - 1 INCH THICK	ASTM C518	5.59	hr·ft ² ·F/BTU
WATER VAPOR TRANSMISSION	ASTM E96	1.97	PERM-IN.
WATER ABSORPTION	ASTM C272	0.47	% VOLUME
SHEAR STRENGTH	ASTM C273	20.71	lb _f /in ²
FLEXURAL STRENGTH	ASTM C203	37.0	lb _f /in ²
CORE DENSITY	ASTM D1622	2.04	lb _m /ft ³
FLAME SPREAD INDEX	ASTM E84	10	-
SMOKE DEVELOPED INDEX	ASTM E84	300	-
MINIMUM SELF IGNITION TEMPERATURE	ASTM D1929	1042	°F
MINIMUM FLASH IGNITION TEMPERATURE	ASTM D1929	752	°F

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0102.09
Expiration Date 01/11/2027
By 
Miami-Dade Product Control

General Notes

1. Application of Kingspan ISO-C1 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. This product cannot be used as sheathing and it shall be continuously supported by a structural backing.

KINGSPAN INSULATION LLC		
12501 NW 38 TH AVENUE		
MIAMI, FLORIDA 33054		
KINGSPAN ISO-C1 POLYISOCYANURATE RIGID FOAM INSULATION		
DRAWING NO. 01	DRAWING DATE: 12/19/2023	SHEET NO. 1 OF 1

