



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

**Atlas Roofing Corporation**  
**2100 Riveredge Pkwy Suite 600**  
**Atlanta, GA 30328**

**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: Atlas Foil and Coated Glass Faced Rigid Polyisocyanurate Sheathing Insulations**

**APPROVAL DOCUMENT:** Drawing No. **ATLAS**, titled "EnergyShield, EnergyShield CGF, EnergyShield CGF PRO, EnergyShield XR, EnergyShield PanelCast Polyisocyanurate Insulations, sheet 1 thru 5 of 5, prepared by PRI Construction Material Technologies LLC, dated 03/31/2025, signed and sealed by Zachary R. Priest, P.E., bearing the Miami-Dade County Product Control approval 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, LaGrange, GA 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 consists of this page 1 and evidence page E-1, as well as the approval document mentioned above.

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



  
05/07/25

NOA No. 24-1023.04  
Expiration Date: May 8, 2030  
Approval Date: May 8, 2025  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **ATLAS**, titled “EnergyShield, EnergyShield CGF, EnergyShield CGF PRO, EnergyShield XR, EnergyShield PanelCast Polyisocyanurate Insulations, sheet 1 thru 5 of 5, prepared by PRI Construction Material Technologies LLC, dated 03/31/2025, signed and sealed by Zachary R. Priest, P.E.

**B. TESTS**

	<b><u>Report No.</u></b>	<b><u>ASTM Testing Standards</u></b>	<b><u>Date</u></b>	<b><u>PE Signature</u></b>
1.	117T0157	D1622,D1621,D2126,C203/209,C518,E96,E84	09/26/24	Zachary R. Priest
2.	117T0158	D1622,D1621,D2126,C203/209,C518,E96,E84	09/26/24	Zachary R. Priest
3.	117T0160	D1622,D1621,D2126,C203/209,C518,E96,E84	09/26/24	Zachary R. Priest
4.	117T0161	D1622,D1621,D2126,C203/209,C518,E96,E84	09/26/24	Zachary R. Priest
5.	117T0164	D1622,D1621,D2126,C203/209,C518,E96,E84	10/25/24	Zachary R. Priest

**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 8<sup>th</sup> edition (2023) of the FBC and of no financial interest, issued by PRI Construction Material Technologies, LLC, dated 11/01/2024, signed and sealed by Zachary R. Priest, P.E.




---

**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 24-1023.04**  
**Expiration Date: May 8, 2030**  
**Approval Date: May 8, 2025**

# TESTING DATA

FOR  
ENERGYSHIELD®

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
NOA-No. 24-1023.04  
Approval Date 05/08/2025  
By   
Miami-Dade Product Control

## PRODUCT DESCRIPTION:

ENERGYSHIELD® (ALUMINUM FOIL FACER ON BOTH MAJOR SIDES OF POLYISOCYANURATE FOAM CORE)

ALUMINUM FACER



ALUMINUM FACER

## PHYSICAL PROPERTIES SUMMARY:

PROPERTY DESCRIPTION	TEST METHOD	UNITS	RESULT	
DENSITY	ASTM D1622	lbs/ft <sup>3</sup>	2.3	
COMPRESSIVE STRENGTH	ASTM D1621	psi	21	
DIMENSIONAL STABILITY (7D EXPOSURE)	ASTM D2126	%	Length/Width	Thickness
@ -40 ± 4°F & AMBIENT R.H.			< 0.1	- 0.1
@ 158 ± 4°F & 97% R.H.			0.3	4.0
@ 200 ± 4°F & AMBIENT R.H.			0.1	1.2
FLEXURAL STRENGTH	ASTM C203	psi	116	
BREAK LOAD	ASTM C203	lb <sub>f</sub>	24	
TENSILE STRENGTH	ASTM C209	psi	1623	
WATER ABSORPTION	ASTM C209	% by Volume	0.2	
WATER VAPOR PERMEANCE	ASTM E96	perms	0.2	
THERMAL RESISTANCE R-VALUE	ASTM C518	°F·ft <sup>2</sup> ·h/Btu·in	6.4	
FLAME SPREAD INDEX (4" THICK CORE)	ASTM E84	-	10	
SMOKE DEVELOPED INDEX (4" THICK CORE)	ASTM E84	-	185	

### ADDITIONAL NOTES:

1. THE PERFORMANCE RESULTS LISTED HEREIN COMPLY WITH THE REQUIREMENTS LISTED WITHIN ASTM C1289 FOR A TYPE 1 CLASS 1 MATERIAL.
2. ALL PROPERTIES WERE EVALUATED ON 1" THICK SAMPLES EXCEPT AS NOTED.
3. THE APPLICATION OF THIS PRODUCT SHALL COMPLY WITH ALL PERTINENT SECTIONS OF THE FLORIDA BUILDING CODE.
4. THE PRODUCT SHALL BE SEPERATED FROM THE INTERIOR OF THE BUILDING WITH AND APPROVED THERMAL BARRIER OF 1/2" GYPSUM WALLBOARD. BARRIER OF 1/2" GYPSUM WALLBOARD.
5. THIS IS A MATERIAL PROPERTIES EVALUATION AND DOES NOT INCLUDE STRUCTURAL OR FIRE PERFORMANCE PROPERTIES WITHIN SYSTEM ASSEMBLIES.



ATLAS ROOFING CORPORATION  
2100 RIVEREDGE PARKWAY, SUITE 600  
ATLANTA, GA 30328  
TEL. 1-770-933-4478



Construction Material Technologies  
6412 Badger Drive  
Tampa, Florida 33610  
Phone: 813-621-5777

SIZE:	DRAWING NO.: ATLAS:01		
DRAWN BY:	TE	DATE:	03/31/25
CHECKED BY:	ZP	DATE:	03/31/25
SCALE:	NTS	REVISION:	DATE:
		REV 1	05/05/25

TITLE: ENERGYSHIELD® (POLYISOCYANURATE INSULATION)

# TESTING DATA

FOR  
ENERGYSHIELD® CGF

## PRODUCT DESCRIPTION:

ENERGYSHIELD® CGF (COATED GLASS FACER ON BOTH MAJOR SIDES OF POLYISOCYANURATE FOAM CORE)

COATED GLASS FACER



COATED GLASS FACER

## PHYSICAL PROPERTIES SUMMARY:

PROPERTY DESCRIPTION	TEST METHOD	UNITS	RESULT	
DENSITY	ASTM D1622	lbs/ft <sup>3</sup>	3.9	
COMPRESSIVE STRENGTH	ASTM D1621	psi	21	
DIMENSIONAL STABILITY (7D EXPOSURE)	ASTM D2126	%	Length/Width	Thickness
@ -40 ± 4°F & AMBIENT R.H.			< 0.1	0.1
@ 158 ± 4°F & 97% R.H.			0.2	3.5
@ 200 ± 4°F & AMBIENT R.H.			0.1	0.8
FLEXURAL STRENGTH	ASTM C203	psi	164	
BREAK LOAD	ASTM C203	lb <sub>f</sub>	33	
TENSILE STENGTH	ASTM C209	psi	2030	
WATER ABSORPTION	ASTM C209	% by Volume	0.9	
WATER VAPOR PERMEANCE	ASTM E96	perms	1.6	
THERMAL RESISTANCE R-VALUE	ASTM C518	°F·ft <sup>2</sup> ·h/Btu·in	5.6	
FLAME SPREAD INDEX (4" THICK CORE)	ASTM E84	-	10	
SMOKE DEVELOPED INDEX (4" THICK CORE)	ASTM E84	-	185	

**ADDITIONAL NOTES:**

- THE PERFORMANCE RESULTS LISTED HEREIN COMPLY WITH THE REQUIREMENTS LISTED WITHIN ASTM C1289 FOR A TYPE II, CLASS 2, GRADE 2 MATERIAL.

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code


**NOA-No.** 24-1023.04

**Approval Date** 05/08/2025

**By**   
**Miami-Dade Product Control**



ATLAS ROOFING CORPORATION  
2100 RIVEREDGE PARKWAY, SUITE 600  
ATLANTA, GA 30328  
TEL. 1-770-933-4478

 Construction Material Technologies 6412 Badger Drive Tampa, Florida 33610 Phone: 813-621-5777	SIZE:	DRAWING NO.:	
		ATLAS:02	
	DRAWN BY:	TE	DATE:
			03/31/25
	CHECKED BY:	ZP	DATE:
			03/31/25
SCALE:	NTS	SHEET:	2 OF 5
		REVISION:	REV 1
		DATE:	05/05/25
TITLE: ENERGYSHIELD® CGF (POLYISOCYANURATE INSULATION)			

# TESTING DATA

FOR  
ENERGYSHIELD® CGF PRO

## PRODUCT DESCRIPTION:

ENERGYSHIELD® CGF PRO (COATED GLASS FACER ON BOTH MAJOR SIDES OF POLYISOCYANURATE FOAM CORE)

COATED GLASS FACER



COATED GLASS FACER

## PHYSICAL PROPERTIES SUMMARY:

PROPERTY DESCRIPTION	TEST METHOD	UNITS	RESULT	
DENSITY	ASTM D1622	lbs/ft <sup>3</sup>	4.5	
COMPRESSIVE STRENGTH	ASTM D1621	psi	33	
DIMENSIONAL STABILITY (7D EXPOSURE)	ASTM D2126	%	Length/Width	Thickness
@ -40 ± 4°F & AMBIENT R.H.			< 0.1	-0.1
@ 158 ± 4°F & 97% R.H.			0.1	2.5
@ 200 ± 4°F & AMBIENT R.H.			0.1	0.1
FLEXURAL STRENGTH	ASTM C203	psi	219	
BREAK LOAD	ASTM C203	lb <sub>f</sub>	47	
TENSILE STRENGTH	ASTM C209	psi	2125	
WATER ABSORPTION	ASTM C209	% by Volume	0.7	
WATER VAPOR PERMEANCE	ASTM E96	perms	1.3	
THERMAL RESISTANCE R-VALUE	ASTM C518	°F·ft <sup>2</sup> ·h/Btu-in	5.6	
FLAME SPREAD INDEX (4" THICK CORE)	ASTM E84	-	15	
SMOKE DEVELOPED INDEX (4" THICK CORE)	ASTM E84	-	250	

**ADDITIONAL NOTES:**

1. THE PERFORMANCE RESULTS LISTED HEREIN COMPLY WITH THE REQUIREMENTS LISTED WITHIN ASTM C1289 FOR A TYPE II, CLASS 2, GRADE 3 MATERIAL.

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code


NOA-No. 24-1023.04

Approval Date 05/08/2025

By   
Miami-Dade Product Control



ATLAS ROOFING CORPORATION  
2100 RIVEREDGE PARKWAY, SUITE 600  
ATLANTA, GA 30328  
TEL. 1-770-933-4478

 Construction Material Technologies 6412 Badger Drive Tampa, Florida 33610 Phone: 813-621-5777		SIZE:	DRAWING NO.:
		ATLAS:03	
DRAWN BY:	TE	DATE:	03/31/25
CHECKED BY:	ZP	DATE:	03/31/25
SCALE:	NTS	REVISION:	DATE:
	SHEET:	REV 1	05/05/25
TITLE: ENERGYSHIELD® CGF PRO (POLYISOCYANURATE INSULATION)			

# TESTING DATA

FOR  
ENERGYSHIELD® XR

## PRODUCT DESCRIPTION:

ENERGYSHIELD® XR (ALUMINUM FOIL FACER ON BOTH MAJOR SIDES OF POLYISOCYANURATE FOAM CORE)

ALUMINUM FACER



ALUMINUM FACER

## PHYSICAL PROPERTIES SUMMARY:

PROPERTY DESCRIPTION	TEST METHOD	UNITS	RESULT	
DENSITY	ASTM D1622	lbs/ft <sup>3</sup>	2.3	
COMPRESSIVE STRENGTH	ASTM D1621	psi	30	
DIMENSIONAL STABILITY (7D EXPOSURE)	ASTM D2126	%	Length/Width	Thickness
@ -40 ± 4°F & AMBIENT R.H.			< 0.1	0.1
@ 158 ± 4°F & 97% R.H.			0.3	3.5
@ 200 ± 4°F & AMBIENT R.H.			< 0.1	0.5
FLEXURAL STRENGTH	ASTM C203	psi	105	
BREAK LOAD	ASTM C203	lb <sub>f</sub>	23	
TENSILE STENGTH	ASTM C209	psi	1755	
WATER ABSORPTION	ASTM C209	% by Volume	0.2	
WATER VAPOR PERMEANCE	ASTM E96	perms	0.3	
THERMAL RESISTANCE R-VALUE	ASTM C518	°F·ft <sup>2</sup> ·h/Btu·in	6.2	
FLAME SPREAD INDEX (4" THICK CORE)	ASTM E84	-	10	
SMOKE DEVELOPED INDEX (4" THICK CORE)	ASTM E84	-	200	

**ADDITIONAL NOTES:**

- THE PERFORMANCE RESULTS LISTED HEREIN COMPLY WITH THE REQUIREMENTS LISTED WITHIN ASTM C1289 FOR A TYPE 1, CLASS 1 OR 2 MATERIAL.

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code


NOA-No. 24-1023.04

Approval Date 05/08/2025

By   
Miami-Dade Product Control



ATLAS ROOFING CORPORATION  
2100 RIVEREDGE PARKWAY, SUITE 600  
ATLANTA, GA 30328  
TEL. 1-770-933-4478

 Construction Material Technologies 6412 Badger Drive Tampa, Florida 33610 Phone: 813-621-5777		SIZE:	DRAWING NO.:
			ATLAS-04
SCALE: NTS		DRAWN BY: TE	DATE: 03/31/25
SHEET: 4 OF 5		CHECKED BY: ZP	DATE: 03/31/25
TITLE: ENERGYSHIELD® XR (POLYISOCYANURATE INSULATION)		REVISION: REV1	DATE: 05/05/25

# TESTING DATA

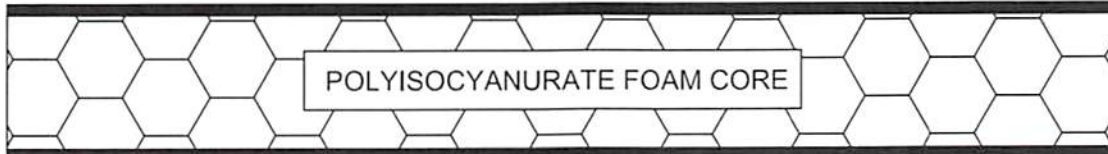
FOR

## ENERGYSHIELD® PANELCAST®

### PRODUCT DESCRIPTION:

ENERGYSHIELD® PANELCAST® (COATED GLASS FACER ON BOTH MAJOR SIDES OF POLYISOCYANURATE FOAM CORE)

COATED GLASS FACER



COATED GLASS FACER

### PHYSICAL PROPERTIES SUMMARY:

PROPERTY DESCRIPTION	TEST METHOD	UNITS	RESULT	
DENSITY	ASTM D1622	lbs/ft <sup>3</sup>	4.1	
COMPRESSIVE STRENGTH	ASTM D1621	psi	25	
DIMENSIONAL STABILITY (7D EXPOSURE)	ASTM D2126	%	Length/Width	Thickness
@ -40 ± 4°F & AMBIENT R.H.			< 0.1	0.2
@ 158 ± 4°F & 97% R.H.			0.3	3.8
@ 200 ± 4°F & AMBIENT R.H.			-0.1	0.5
FLEXURAL STRENGTH	ASTM C203	psi	157	
BREAK LOAD	ASTM C203	lb <sub>f</sub>	35	
TENSILE STRENGTH	ASTM C209	psi	3368	
WATER ABSORPTION	ASTM C209	% by Volume	0.9	
WATER VAPOR PERMEANCE	ASTM E96	perms	1.4	
THERMAL RESISTANCE R-VALUE	ASTM C518	°F·ft <sup>2</sup> ·h/Btu·in	6.0	
FLAME SPREAD INDEX (4" THICK CORE)	ASTM E84	-	10	
SMOKE DEVELOPED INDEX (4" THICK CORE)	ASTM E84	-	200	

**ADDITIONAL NOTES:**

- THE PERFORMANCE RESULTS LISTED HEREIN COMPLY WITH THE REQUIREMENTS LISTED WITHIN ASTM C1289 FOR A TYPE II, CLASS 2, GRADE 3 MATERIAL.

**PRODUCT APPROVED**  
**as complying with the Florida**  
**Building Code**


**NOA-No.** 24-1023.04

**Approval Date** 05/08/2025

**By**   
**Miami-Dade Product Control**



ATLAS ROOFING CORPORATION  
 2100 RIVEREDGE PARKWAY, SUITE 600  
 ATLANTA, GA 30328  
 TEL. 1-770-933-4478

 Construction Material Technologies 6412 Badger Drive Tampa, Florida 33610 Phone: 813-621-5777		SIZE:	DRAWING NO.:
		ATLAS-05	
DRAWN BY:	DATE:	CHECKED BY:	DATE:
TE	03/31/25	ZP	03/31/25
SCALE:	SHEET:	REVISION:	DATE:
NTS	5 OF 5	REV 1	05/05/25
TITLE: ENERGYSHIELD® PANELCAST® (POLYISOCYANURATE INSULATION)			