



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

Oldcastle BuildingEnvelope®, Inc. (NJ)
1273 N. Church Street, Suite 100A
Moorestown, NJ 08057

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: StormGlass™ Glass Interlayer

APPROVAL DOCUMENT: Drawing No. **1216**, titled “StormGlass™ Laminated Glass”, sheets 1 and 2 of 2, dated 04/02/2003, with revision D1 dated 05/31/2018, prepared by W.W. Schaefer Engineering & Consulting, P.A., Inc. signed and sealed by Warren W. Schaefer, 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: Glass laminated under this Product Approval shall be permanently marked in a corner of the glass with: a) **StormGlass**, b) Authorized laminator’s name or mark and c) M.D.C.A., that stands for Miami Dade County Approved. The laminate’s or interlayer’s packaging is to identify the manufacturer’s name or logo, manufacturing plant’s city and state, and the statement reading ‘Miami-Dade County Product Control Approved’.

LIMITATION: This approval does not include an evaluation of structural performance of this component.

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** and **revises** **NOA # 20-0622.07** 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. 23-0713.04
Expiration Date: December 11, 2028
Approval Date: August 17, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOAs

A. DRAWINGS “Submitted under NOA # 13-0814.01”

1. Drawing No. **1216**, titled “StormGlass™ Laminated Glass”, sheets 1 and 2 of 2, dated 04/02/2003, with revision C1 dated 10/03/2012, prepared by W.W. Schaefer Engineering & Consulting, P.A., Inc, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS “Submitted under NOA # 03-0415.13”

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	Omega 15542-110291	ASTM E 84	02/26/03	J.W. Dougherty, P.E.
2.	ETC 03-191-13090.0	ASTM D 1929	02/10/03	J. L. Doldan, P.E.
3.	ETC 03-191-13090.0	ASTM D 635	02/10/03	J. L. Doldan, P.E.
4.	ETC 03-191-13090.0	ASTM D 2843	02/10/03	J. L. Doldan, P.E.
5.	ETC 01-726-11271.0	ASTM C 158	10/15/01	J. L. Doldan, P.E.
6.	ETC 03-191-13748.0	ASTM D 2843	07/25/03	J. L. Doldan, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS “Submitted under NOA #14-0423.11”

1. Statement letter of code conformance to 2010 FBC and 5th edition (2014) issued by W. W. Schaefer Engineering & Consulting, P.A., dated 04/10/2014, signed and sealed by Warren W. Schaefer, P.E.

“Submitted under NOA # 13-0814.01”

2. No financial interest letter issued by W. W. Schaefer Engineering & Consulting, P.A., dated 07/29/2013, signed and sealed by Warren W. Schaefer, P.E.

“Submitted under NOA # 03-0514.15”

3. Private labeling agreement dated 05/12/2003.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0713.04
Expiration Date: December 11, 2028
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 17-0724.07

A. DRAWINGS

1. Drawing No. **1216**, titled “StormGlass Laminated Glass”, sheets 1 and 2 of 2, dated 04/02/2003, with revision C1 dated 10/03/2012, prepared by W.W. Schaefer Engineering & Consulting, P.A., Inc, signed and sealed by Warren W. Schaefer, P.E. on 07/18/2017.

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 5th Edition (2014) and 6th Edition (2017) issued by W. W. Schaefer Engineering & Consulting, P.A., dated 07/18/2017, signed and sealed by Warren W. Schaefer, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0713.04
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under NOA # 20-0620.07 and new

A. DRAWINGS “Submitted under NOA # 18-0611.01”

1. Drawing No. **1216**, titled “StormGlass Laminated Glass”, sheets 1 and 2 of 2, dated 04/02/2003, with revision D1 dated 05/31/2018, prepared by W.W. Schaefer Engineering & Consulting, P.A., Inc, signed and sealed by Warren W. Schaefer, 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

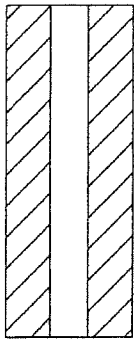
1. Statement letter of code conformance to the 7th edition (2020) and 8th edition (2023) of the FBC, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 07/01/2023, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of code conformance to the 6th Edition (2017) and 7th Edition (2020) FBC issued by W. W. Schaefer Engineering & Consulting, P.A., dated 06/04/2020, signed and sealed by Warren W. Schaefer, P.E.

“Submitted under NOA # 18-0611.01”
3. No financial interest letter issued by W. W. Schaefer Engineering & Consulting, P.A., dated 05/31/2018, signed and sealed by Warren W. Schaefer, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0713.04
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A B A



SECTION

STORMGLASS™ PRODUCT DESCRIPTION

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0713.04

Expiration Date 12/11/2028

By *[Signature]*
Miami-Dade Product Control

MANUFACTURED BY: OLDCASTLE BUILDINGENVELOPE®, INC.
DESCRIPTION: STORMGLASS™ IS A COMBINATION OF PVB INTERLAYER &
CLEAR POLYETHYLENE TEREPHTHALATE (PET) CORE FOR LAMINATION
BETWEEN TWO OR MORE LITES OF GLASS. A TYPICAL GLAZING IS MADE
OF THE FOLLOWING COMPONENTS (MINIMUM THICKNESS INDICATED -
MULTIPLE LAYERS OF INTERLAYER TO BE USED AS NECESSARY):

A - 2.3 mm (0.090")	ANNEALED GLASS
B - 1.91 mm (0.075")	SAFLEX® CP (VS-XX) INTERLAYERS (CLEAR OR WHITE)

PRODUCT PROPERTIES

FOOT NOTE	DESCRIPTION	TEST	SAFLEX® CP (VS-XX) COMPOSITE INTERLAYER
(1)	FLAME SPREAD INDEX	ASTM E84	55
(1)	SMOKE DEVELOPMENT INDEX	ASTM E84	350° F
(1)	SELF IGNITION TEMPERATURE	ASTM D1929	660° F
(1)	AVG. TIME OF BURNING	ASTM D635	1.52 MIN. C2
(1)	AVG. EXTENT OF BURNING	ASTM D635	2.96 INCHES
(1)	SMOKE DENSITY	ASTM D2843	54.9%
(1 & 2)	AVG. MOD OF RUPTURE	ASTM C158	WEATHERING

- (1) SPECIMEN: LAMINATED GLASS WITH SAFLEX® CP (VS-XX) COMPOSITE INTERLAYER.
NOTE THAT SAFLEX® CP (VS-XX) COMPOSITE BY ITSELF (UNPROTECTED) DOES NOT
COMPLY WITH FLORIDA BUILDING CODE.
- (2) WEATHERING PER CHAPTER 26 OF THE FLORIDA BUILDING CODE.
(BEFORE MR = 3901.571 PSI; AFTER MR = 3597.164 PSI DELTA 7.8%)

STORMGLASS™ IS A TRADEMARK OF OLDCASTLE BUILDINGENVELOPE®, INC.

SAFLEX® IS A TRADEMARK OF EASTMAN CHEMICAL COMPANY

PRODUCT REVISED
as complying with the Florida
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By *[Signature]*
Miami-Dade Product Control

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By *[Signature]*
Miami-Dade Product Control

D1	UPDATE TO CURRENT CODE	05/31/18
C1	UPDATE TO BE CONSISTENT WITH SAFLEX CP NOA	10/03/12
B1	UPDATED CONSULTANT & OLDCASTLE INFO	11/01/11
A1	CHANGED COMPOSITES TO SAFLEX	09/12/08
REV. #	DESCRIPTION	DATE

OLDCASTLE BUILDINGENVELOPE®, INC.
1273 N. CHURCH STREET; SUITE 100A
MOORESTOWN, NJ 08057
PHONE: 856-642-0900

TITLE:
STORMGLASS™ LAMINATED GLASS

DRAWING NO.	DRAWN BY:	DRAWING DATE:	SHEET NO.
1216	K.P.S.	04/02/03	1 OF 2

MAY 31 2018

WARREN W. SCHAEFER, P.E.
STRUCTURAL ENGINEER
P.E. NO. 44135

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
(CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MATERIAL DESIGNATION	SMOKE DENSITY RATING PER ASTM D2843	DADE NOTIFICATION NO.
SAFLEX® COLORANTS		
SAFLEX® - CLEAR	61.1	ETC03024
SAFLEX® - WHITE	62.6	ETC03023

THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THIS COMPONENT SHALL APPLY FOR AN NOA TO THE MIAMI-DADE PRODUCT CONTROL DIVISION AND SHALL SUBMIT TEST REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEMS USING THIS COMPONENT WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE F.B.C.

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 23-0713.04

Expiration Date 12/11/2028

By [Signature]
Miami-Dade Product Control

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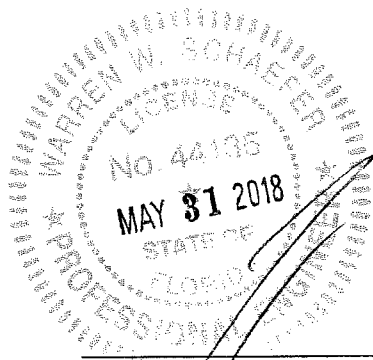
By [Signature]
Miami-Dade Product Control

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By [Signature]
Miami-Dade Product Control



WARREN W. SCHAEFER, P.E.
STRUCTURAL ENGINEER
P.E. NO. 44135

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OLDCASTLE BUILDINGENVELOPE®, INC.
1273 N. CHURCH STREET; SUITE 100A
MOORESTOWN, NJ 08057
PHONE: 856-642-0900

TITLE:
STORMGLASS™ LAMINATED GLASS

DRAWING NO. 1216	DRAWN BY: K.P.S.	DRAWING DATE: 04/02/03	SHEET NO. 2 OF 2
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