



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/building

Eastman Chemical Company (MA)
730 Worcester Street
Springfield, MA 01151

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: Saflex™ Storm - Saflex™ and Saflex™ HP Composite Interlayers with PET Core for Laminated Glass.

APPROVAL DOCUMENT: Drawing No. **1815**, titled “Saflex™ Storm (fka Saflex CP) Interlayers for Laminated Glass”, sheets 1 and 2 of 2, dated 02/01/24, with revision **E1** dated 03/01/24, prepared by W.W. Schaefer Engineering & Consulting, P.A., 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 lites laminated under this Product Approval shall be permanently marked in a corner of the glass with: a) **Saflex Storm**, b) Authorized laminator’s name, c) M.D.C.A., that stands for Miami Dade County Approved and d) Markings required by federal law for safety glazing. 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.

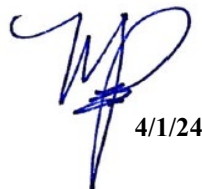
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **revises NOA No. 23-0713.21** 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 **Manuel Perez, P.E.**




4/1/24

NOA No. 24-0312.10
Expiration Date: December 11, 2028
Approval Date: April 11, 2024
Page 1

Eastman Chemical Company (MA)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Drawing No. **1815**, titled "Saflex™ Storm (fka Saflex CP) Interlayers for Laminated Glass", sheets 1 and 2 of 2, dated 01/09/23, with revision **D1**, dated 01/09/23, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 22-1130.05)

B. TESTS

	<u>Test Report</u>	<u>Test Standard</u>	<u>Date</u>	<u>Signature</u>
1.	Intertek-M9090.01-106-18 R0	ASTM D2843	01/17/22	Vinu J. Abraham, P.E.
2.	Intertek-M9090.01-106-18 R0	ASTM D1929	01/17/22	Vinu J. Abraham, P.E.
3.	Intertek-M9090.01-106-18 R0	ASTM D635	01/17/22	Vinu J. Abraham, P.E.

(Submitted under NOA No. 22-1130.05)

	<u>Test Report</u>	<u>Test Standard</u>	<u>Date</u>	<u>Signature</u>
4.	Omega 15542-110291	ASTM E84	02/26/03	J.W. Dougherty, P.E.
5.	Omega 15542-110221	ASTM E84	02/26/03	J.W. Dougherty, P.E.
6.	ETC 03-191-13090.0	ASTM D1929	02/10/03	Joseph L. Doldan, P.E.
7.	ETC 03-191-13090.0	ASTM D635	02/10/03	Joseph L. Doldan, P.E.
8.	ETC 03-191-13090.0	ASTM D2843	02/10/03	Joseph L. Doldan, P.E.
9.	ETC 01-726-11271.0	ASTM C158	10/15/01	Joseph L. Doldan, P.E.
10.	ETC 03-191-13748.0	ASTM D2843	07/25/03	Joseph L. Doldan, P.E.

(Submitted under NOA No. 03-0415.13)

C. CALCULATIONS


1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-0312.10

Expiration Date: December 11, 2028

Approval Date: April 11, 2024

Eastman Chemical Company (MA)

NOTICE OF ACCEPTANCE: EVIDENCE PAGE


1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)** and with **FBC 7th Edition (2020)**, dated July 1, 2023, issued by W. W. Schaefer Engineering & Consulting, P.A. and signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 23-0713.21)
2. Statement letter of no financial interest issued by W. W. Schaefer Engineering & Consulting, P.A., dated 12/22/22, signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 22-1130.05)
3. Statement letter from manufacturer, certifying that there has been no change to the product since last tested and requesting a 5-year renewal, signed and sealed by Julia Schimmelpenninck, Technical Engagement Manager – Architectural Interlayers, Eastman Chemical Company.
(Submitted under NOA No. 22-1130.05)

G. OTHERS

1. Notice of Acceptance No. **22-1130.05** issued to **Eastman Chemical Company (MA)** for their “**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 01/26/23, expiring on 12/11/28.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 24-0312.10
Expiration Date: December 11, 2028
Approval Date: April 11, 2024

Eastman Chemical Company (MA)

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **1815**, titled “Saflex™ Storm (fka Saflex CP) Interlayers for Laminated Glass”, sheets 1 and 2 of 2, dated 03/01/24, with revision **E1**, dated 03/01/24, prepared by W.W. Schaefer Engineering & Consulting, P.A., 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 conformance, complying with **FBC 8th Edition (2023)**, dated March 1, 2024, issued by W. W. Schaefer Engineering & Consulting, P.A. and signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest dated March 1, 2024, issued by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

G. OTHERS

1. Notice of Acceptance No. **23-0713.21** issued to **Eastman Chemical Company (MA)** for their “**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 08/17/23, expiring on 12/11/28.

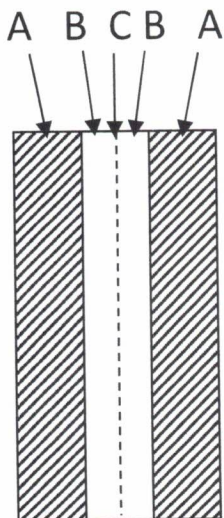

Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-0312.10
Expiration Date: December 11, 2028
Approval Date: April 11, 2024

Saflex™ STORM

Product Description

Manufactured By: Eastman Chemical Company

Description: Saflex™ Storm is a combination of clear or colored plasticized polyvinyl butyral interlayers with a clear polyethylene terephthalate (PET) core for lamination between two or more lites of glass. A typical glazing is made of the following components (minimum thicknesses indicated - multiple layers of interlayer to be used as necessary):



A - 2.3 mm (0.090-in)	Annealed Glass
B - 0.76 mm (0.030-in)	Saflex™ or Saflex™ HP Interlayers (Clear or Colored)
C - 0.05 mm (0.002-in)	Polyethylene terephthalate (PET)

SECTION

Product Properties

Description	Test	PVB & PET Composites(2)
(1) Self Ignition Temp	ASTM D1929	716°F
(1) Rate of Burning	ASTM D635	Class CC1
(1) Smoke Density	ASTM 2843	20.7%
(1&3) Avg Mod of Rupture	ASTM C158	Weathering (3)

- (1) Specimen: Laminated glass with Saflex™ Storm type interlayer
- (2) Saflex™ Storm type interlayer by itself (unprotected) does NOT comply with Florida Building Code.
- (3) Weathering per section 2612 of the Florida Building Code (Before MR = 3901.571 psi; After MR = 3597.164 psi Delta 7.8%)

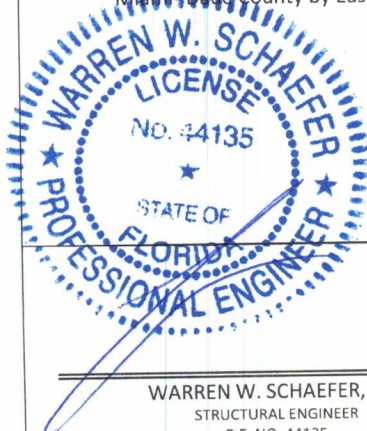
Saflex™ Storm type interlayers are currently provided as: Saflex Secure, Saflex Solar, Saflex Storm, Saflex VS, Saflex VS (F through Z) (1 through 9) e.g.: Saflex VSO2, Saflex VS (F through Z) (A through Z) e.g.: Saflex VSON.

Saflex™ Storm type interlayers have also been known as Saflex CP, Vanceva VSO2, Vanceva Storm and Vanceva Composites. These name are obsolete and should no longer be used in reference to this product.

™ Saflex is a trademark of Eastman Chemical Company

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 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. A list of authorized laminators shall be filed with Miami-Dade County by Eastman Chemical Company

E1	Saflex Storm VSO2 modification to Saflex Storm VSON	03/01/24
D1	CHANGED FOR NEW FLAMMABILITY TESTING	01/09/23
C1	CHANGED NAME TO "STORM"	06/04/20
B1	CHANGED FOR LABEL CLARIFICATION	04/06/12
A1	CHANGED PRODUCT NAME TO SAFLEX	09/12/08
Rev #	DESCRIPTION	DATE



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

Eastman Chemical Company

730 Worcester Street, Springfield, MA 01151
 Phone: 413-627-0606(Cell); 413-730-3413(Office); glazing@eastman.com

Title: **Saflex™ Storm Interlayers for Laminated Glass**

W.W. SCHAEFER ENGINEERING & CONSULTING P.A.
 STRUCTURAL CONSULTING ENGINEERS
 25601 AYSEN DRIVE
 PUNTA GORDA, FL 33983
 PHONE: 561-346-5638

Drawing No. 1815 Drawn by: Drawing Date 02/01/24 Sheet No. 1 OF 2

Material Designation	Smoke Density Rating per ASTM D 2843	Dade Notification #
Saflex™ Colorants		
Saflex™ – Clear	61.1	ETC03024
Saflex™ – White	62.6	ETC03023
Saflex™ – Black	68.1	ETC03013
Saflex™ – Blue	50.6	ETC03025
Saflex™ – Yellow	59.6	ETC03016
Saflex™ – Red	50.8	ETC03015
Saflex™ – Metallic	60.0	ETC03014

Note(s):

Saflex™ Storm/VSO2 is modified to Saflex™ Storm/VSON without the need to retest as of the approval date on this NOA.

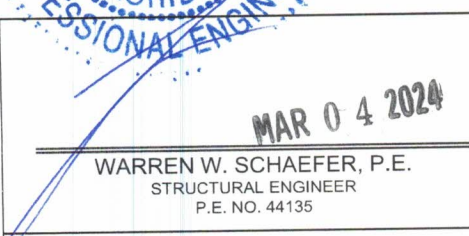
Saflex™ Storm/VSO2 was also known as Vanceva™ Storm/VSO2 prior to the brand name change 09/12/08. Vanceva Storm/VSO2 was referenced on the Vanceva Composites NOA 08-0520.08 expiring 12/11/13.

™ Saflex and Vanceva are registered trademarks of Eastman Chemical Company.

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 with Miami-Dade County Product Control and submit test reports and other documents showing that the systems using this component will resist the loads according to Chapter 16 of the Florida Building Code.



PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 24-0312.10
Expiration Date: 12/11/2028
By: *Manuel Feres*
Miami-Dade Product Control

 MAR 04 2024 WARREN W. SCHAEFER, P.E. STRUCTURAL ENGINEER P.E. NO. 44135	Eastman Chemical Company 730 Worcester Street, Springfield, MA 01151 Phone: 413-627-0606(Cell); 413-730-3413(Office); glazing@eastman.com			
	Title: Saflex™ Storm Interlayers for Laminated Glass			
W.W. SCHAEFER ENGINEERING & CONSULTING P.A. STRUCTURAL CONSULTING ENGINEERS 25601 AYSEN DRIVE PUNTA GORDA, FL 33963 PHONE: 561-346-5638	Drawing No. 1815	Drawn by:	Drawing Date 02/01/24	Sheet No. 2 OF 2