



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
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[www.miamidade.gov/building](http://www.miamidade.gov/building)

## NOTICE OF ACCEPTANCE (NOA)

**Solutia Inc.**  
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 BNC -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. BNC 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 and Vanceva clear and color interlayers**

**APPROVAL DOCUMENT:** Drawing No. 1051, titled "Saflex IIIG Based Interlayers for Laminated Glass" sheets 1 and 2 of 2, dated 04/19/01, with revision B dated 03/23/11, 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 renewal 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) Solutia, 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.

**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 # 06-0216.06 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



*[Handwritten Signature]*  
/04/28/11

NOA No. 11-0325.05  
Expiration Date: May 21, 2016  
Approval Date: May 05, 2011  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **1051**, titled "Saflex III G Based Interlayers for Laminated Glass" sheets 1 and 2 of 2, dated 04/19/01, with revision B dated 03/23/11, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	ETC-11-726-25078.0	ASTM D1929/D2843	03/08/11	Joseph L. Dolden, P.E.
2.	ETC-11-726-25076.0	ASTM D1929/D2843	03/08/11	Joseph L. Dolden, P.E.
3.	ETC-11-726-25080.0	ASTM D1929/D2843	03/08/11	Joseph L. Dolden, P.E.
4.	ETC-11-726-25077.0	ASTM D1929/D2843	03/08/11	Joseph L. Dolden, P.E.
5.	ETC-11-726-25079.0	ASTM D1929/D2843	03/08/11	Joseph L. Dolden, P.E.
6.	ETC-11-726-24882.0	ASTM D1929/D2843	03/08/11	Joseph L. Dolden, P.E.
7.	ETC 96-191-3253.0	ASTM G26 & C158	11/05/97	Joseph L. Dolden, P.E.
8.	ETC 98-191-5523.0	ASTM G26 & C158	05/11/99	Joseph L. Dolden, P.E.

**C. CALCULATIONS:**

1. None.

**D. QUALITY ASSURANCE**

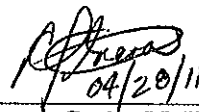
1. Miami-Dade Building and Neighborhood Compliance Department (BNC)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to FBC 2007 and no financial interest, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 03/24/11, signed and sealed by Warren W. Schaefer, P.E.



04/20/11

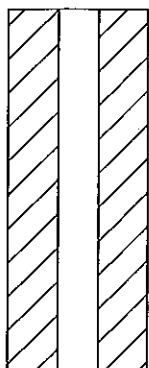
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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 11-0325.05  
Expiration Date: May 21, 2016  
Approval Date: May 05, 2011

# SAFLEX® IIIIG

(CLEAR &/OR COLORED. SAFLEX @ 15% (RM) - SAFLEX @ 30% (IIIIG))

A B C



SECTION

## PRODUCT DESCRIPTION

MANUFACTURED BY: SOLUTIA INC.  
 DESCRIPTION: CLEAR OR COLORED MONOLITHICALLY EXTRUDED INTERLAYERS MADE OF POLYVINYL BUTYRAL RESIN AND TRIETHYLENEGLYCOL BIS (2-ETHYL HEXANOATE) PLASTICIZER AT CONCENTRATIONS BETWEEN 15 AND 30%. INTERLAYER IS OFFERED UNDER THE BRAND NAMES OF SAFLEX® AND VANCEVA® FOR LAMINATION BETWEEN A MINIMUM OF TWO GLASSES. A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS (MINIMUM THICKNESS INDICATED - MULTIPLE PLIES OF INTERLAYERS TO BE USED AS NECESSARY):

A - 2.3 mm (3/32") ANNEALED GLASS
B - 1.02 mm (0.040") SAFLEX® AND/OR VANCEVA® INTERLAYERS
C - 2.3 mm (3/32") ANNEALED GLASS

## (2) PRODUCT PROPERTIES (SAFLEX® @ 30% (IIIIG))

FOOT NOTE	DESCRIPTION	TEST	RESULTS	
(1)	SELF IGNITION TEMPERATURE	ASTM D1929	760° F	
(1)	SMOKE DENSITY	ASTM D2843	5%	
(1)	RATE OF BURNING	ASTM D635	< 25 mm MARK (NOT REPORTED)	
(1)	AVERAGE TIME OF BURNING	ASTM D635	< 5 SEC.	
(1)	AVERAGE EXTENT OF BURNING	ASTM D635	0.31 IN.	
(1) & (3)	AVERAGE MODULUS OF RUPTURE	ASTM C158	WEATHERING	
			BEFORE	AFTER
			2556 PSI	2657 PSI

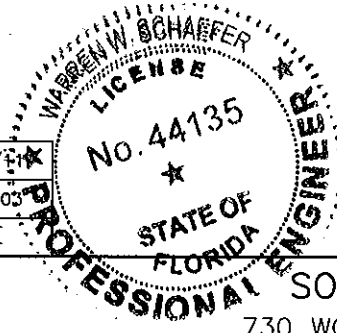
- (1) SPECIMEN: LAMINATED GLASS WITH SAFLEX® &/OR VANCEVA® INTERLAYER.
- (2) SAFLEX IIIIG INTERLAYER BY ITSELF DOES NOT COMPLY WITH FLORIDA BUILDING CODE.
- (3) WEATHERING PER SECTION 2605 OF THE FLORIDA BUILDING CODE.

VANCEVA® &/OR SAFLEX® ARE KNOWN AS: AR, CL, DA THROUGH DZ, MG, NA, RA THROUGH RZ, SA THROUGH SZ & VA THROUGH VZ. EACH DESIGNATION IS FOLLOWED BY A TWO CHARACTER CODE "XX" DESIGNATING GAUGE & TYPE OF INTERLAYER (E.G.: RB41, NA71).

®SAFLEX & VANCEVA ARE REGISTERED TRADEMARKS OF SOLUTIA, INC.

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-0325.05  
 Expiration Date 05/21/2016

By   
 Miami Dade Product Control



B	UPDATE FOR NOA RENEWAL	03/23/11	
A	COMBINED RM & IIIIG PRODUCTS INTO ONE DOCUMENT	04/02/03	
REV. #	DESCRIPTION	DATE	

**MAR 24 2011**

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

**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
 STRUCTURAL CONSULTING ENGINEERS  
 7480 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424

**SOLUTIA, INC.**

730 WORCESTER STREET  
 SPRINGFIELD, MA 01151  
 PHONE: 413-730-3413; FAX: 508-861-0127

TITLE: **SAFLEX® IIIIG BASED INTERLAYERS  
 FOR LAMINATED GLASS**

DRAWING NO. 1051	DRAWN BY: W.W.S.	DRAWING DATE: 04/19/01	SHEET NO. 1 OF 2
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# SAFLEX® III G

(CLEAR &/OR COLORED. SAFLEX @ 15% (RM) – SAFLEX @ 30% (III G))

(2) PRODUCT PROPERTIES (SAFLEX® @ 15% (RM))				
FOOT NOTE	DESCRIPTION	TEST	RESULTS	
(1)	FLAME SPREAD INDEX	ASTM E84	10	
(1)	SMOKE DEVELOPMENT INDEX	ASTM E84	5	
(1)	SELF IGNITION TEMPERATURE	ASTM D1929	720° F	
(1)	RATE OF BURNING	ASTM D635	1.54 IN/MIN. C.	
(1) & (3)	AVERAGE MODULUS OF RUPTURE	ASTM C158	WEATHERING	
			BEFORE	AFTER
			11090 PSI	9976 PSI

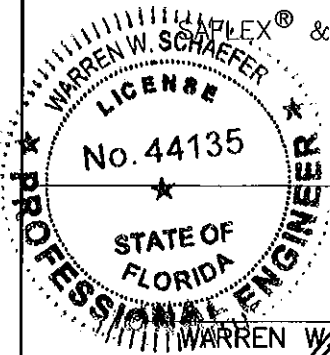
- (1) SPECIMEN: LAMINATED GLASS WITH SAFLEX RM INTERLAYER.
- (2) SAFLEX RM INTERLAYER BY ITSELF DOES NOT COMPLY WITH FLORIDA BUILDING CODE.
- (3) WEATHERING PER SECTION 2605 OF THE FLORIDA BUILDING CODE.

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 11-0325.05  
 Expiration Date 05/21/2016  
 By   
 Miami Dade Product Control

## SAFLEX® AND VANCEVA® SOLAR/COLOR AND COLORANT PROPERTIES

SAFLEX® AND VANCEVA® COLOR/SOLAR COLORANTS		
MATERIAL DESIGNATION	SMOKE DENSITY RATING PER ASTM D 2843	DADE NOTIFICATION #
VENCEVA® & SAFLEX® – CLEAR	5%	ETC-11-726-25079.0
VENCEVA® & SAFLEX® – WHITE	20%	ETC-11-726-25076.0
VENCEVA® & SAFLEX® – BLACK	2%	ETC-11-726-25080.0
VENCEVA® & SAFLEX® – BLUE	5%	ETC-11-726-25077.0
VENCEVA® & SAFLEX® – YELLOW	9%	ETC-11-726-25079.0
VENCEVA® & SAFLEX® – RED	10%	ETC-11-726-24882.0

SAFLEX® & VANCEVA ARE TRADEMARKS OF SOLUTIA, INC.



**WARREN W. SCHAEFER, P.E.**  
 STRUCTURAL ENGINEER  
 P.E. NO. 44135  
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**TITLE: SAFLEX® III G BASED INTERLAYERS  
FOR LAMINATED GLASS**

DRAWING NO. 1051	DRAWN BY: W.W.S.	DRAWING DATE: 04/19/01	SHEET NO. 2 OF 2
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