



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1603**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2901 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 Multi-layer Glass Interlayer**

**APPROVAL DOCUMENT:** Drawing No. 1631, titled "Saflex Multi-layer Series PVB Based Interlayers for Laminated Glass", sheet 1 of 1, dated 01/12/09, with no revisions, 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 Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**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 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.**



*[Signature]*  
 3/20/09

**NOA No. 09-0223.05**  
**Expiration Date: April 08, 2014**  
**Approval Date: April 08, 2009**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. 1631, titled "Saflex Multi-layer Series PVB Based Interlayers for Laminated Glass", sheet 1 of 1, dated 01/12/09, with no revisions, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

	<b>Test report</b>	<b>Standard</b>	<b>Date</b>	<b>Signature</b>
1.	ETC-07-726-20120.0	ASTM D2843	07/17/08	Joseph L. Doldan, P.E.
2.	ETC-07-726-20120.0	ASTM D1929	07/17/08	Joseph L. Doldan, P.E.
3.	ETC-07-726-20120.0	ASTM D635	07/17/08	Joseph L. Doldan, P.E.
4.	ETC-07-726-20120.0	ASTM C158	07/17/08	Joseph L. Doldan, P.E.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

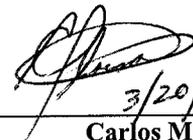
1. Miami Dade Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

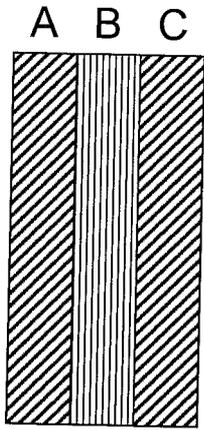
1. Letter of code compliance issued by W.W. Schaefer Engineering & Consulting, P.A., dated 01/12/09, signed and sealed by Warren W. Schaefer, P.E.
2. Letter of no financial interest issued by W.W. Schaefer Engineering & Consulting, P.A., dated 01/12/09, signed and sealed by Warren W. Schaefer, P.E.



3/20/09

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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 09-0223.05  
Expiration Date: April 08, 2014  
Approval Date: April 08, 2009



**SECTION**

## Saflex® Multi-Layer Series

### Product Description

Manufactured By: Solutia Inc.

Description: Saflex clear or colored multi-layered extruded interlayers made of polyvinyl butyral resin and plasticizer at concentrations between 10 and 50% for lamination between two or more pieces of glass. Multiple layers of the interlayer maybe used as necessary. The minimum thicknesses for approved components is listed below:

A - 2.3 mm (0.090 in)	Annealed Glass
B - 0.76 mm (0.030 in)	Saflex® Multi-layer Interlayer
C - 2.3 mm (0.090 in)	Annealed Glass

Approved as complying with the  
 Florida Building Code  
 Date: 04/16/2014  
 NOA# 19-0223-05  
 Miami-Dade Product Control  
 Division  
 By: [Signature]

### Product Properties

Footnote	Description	Test	Dade County Criteria	Saflex Multi-layer Series (2)
(1)	Test for Smoke Density	ASTM D 2843	Passed (<75%)	26.6%
(1)	Self Ignition Temperature	ASTM D 1929	Passed (>650°F)	750°F
(1)	Rate of Burning	ASTM D 635	Passed (C-1:<1.0 in/min)	---
(1)	Average Time of Burning	ASTM D 635	----	< 5 sec.
(1)	Average Extent of Burning	ASTM D 635	----	0.51 in
(1) & (3)	Average Modulus of Rupture	ASTM C 158	Passed (<10.0%)	Delta:4.9% Before: 3842 psi After: 4042 psi

- (1) Specimen: Laminated glass with Saflex® Multi-layer interlayer
- (2) Interlayer by itself (unprotected) does NOT comply with Florida Building Code
- (3) Weathering per section 2605.2 of the Florida Building Code

Saflex® Multi-layer interlayers are known as: Q series (QA through QZ) and Silent Glass Technology® Each designation is followed by a two character code "XX" designating gauge and type of interlayer (e.g.: QB 51, QS 41 etc...).

® Saflex is a registered trademark of Solutia Inc.  
 ™ Silent Glass Technology is a trademark of Solutia Inc.

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. A list of authorized laminators shall be filed with Dade County by Solutia Inc.

**JAN 12 2009**

Warren W. Schaefer, P.E.  
 Florida P.E. No. 44135

W. W. Schaefer Engineering &  
 Consulting, P.A. (CA #6809)  
 8895 N. Military Trail; Suite C-204  
 Palm Beach Gardens, FL 33410

**Solutia Inc.**

730 Worcester Street, Springfield, MA 01151  
 Phone: 413.730-3413 e-mail: JCSCHI@Solutia.com

**Title: Saflex® Multi-layer Series PVB Based Interlayers for Laminated Glass**

Drawing Number	Sheet Number	Drawing Date	Revisions Date
1631	1 of 1	01/12/09	