



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Solutia Inc.**  
**730 Worcester Street**  
**Springfield, MA 01151**

Your application for Notice of Acceptance (NOA) of:

**Saflex / Keepsafe Maximum**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0205.02**  
**EXPIRES: 05/21/2006**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL**  
**CONDITIONS**  
**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 05/17/2001**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1.0 SCOPE:**

1.1 This renews the Notice of Acceptance NO. 99-0728.05 that was issued on 08/27/98. It approves an interlayer for laminated glass as described in Section 2 of this Notice of Acceptance (NOA). It is designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County (S.F.B.C.) for the location where the requirements as determined by SFBC Chapter 35 are met.

**2.0 PRODUCT DESCRIPTION:**

2.1 The Saflex IIIIG a polyvinyl butryal interlayer is approved with properties as described in the following document: Drawing No. 1051, sheet 1 of 1, dated 04/19/01, titled "Saflex IIIIG PVB Interlayer for Laminated Glass", prepared by Solutia., Inc. They bear the Miami-Dade County Product Control Approval stamp with NOA number and approval date by the Miami-Dade County Product Control Division. This drawing shall hereinafter be referred to as the approved drawing.

**3.0 LIMITATIONS:**

3.1 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 County 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 23 of the S.F.B.C.

**4.0 INSTALLATION:**

4.1 The Saflex IIIIG PVB Intelayer for Laminated Glass shall be fabricated in strict compliance with the approved drawing. A list of authorized laminator shall be filed in this office by Solutia, Inc.

**5.0 LABELING:**

5.1 Laminated sheets with Saflex IIIIG by Solutia, Inc. shall be permanently marked with MDCA Saflex or KeepSafe Maximum and the laminator name. This mark shall be in the same area of the ANSI and/or CPSC logo in a corner of the lite as required.

**6.0 BUILDING PERMIT REQUIREMENTS:**

6.1 Application for Building Permit shall be accompanied by copies of the following:

6.1.1 The NOA of the system using this component.

6.1.2 Any other document required by the Building Official or the South Florida Building Code in order to properly evaluate the installation of the system.

  
Candido Font, PE. Sr. Product Control Examiner  
Product Control Division

Solutia, Inc.

ACCEPTANCE NO: 01-0205.02

APPROVED: MAY 17 2001

EXPIRES: 05/21/2006

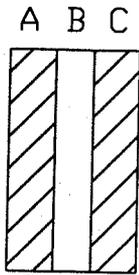
**NOTICE OF ACCEPTANCE STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

  
Candido Font, PE. Sr. Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**

# SAFLEX® IIIG PRODUCT DESCRIPTION



SECTION

MANUFACTURED BY: SOLUTIA, INC.  
 DESCRIPTION: SAFLEX® IIIG IS A POLYVINYL BUTRYAL INTERLAYER MATERIAL FOR LAMINATION WITH GLASS ON BOTH SIDES. A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS (MINIMUM THICKNESS INDICATED):

A - 0.090" CLEAR GLASS
B - 0.030" SAFLEX® IIIG PVB INTERLAYER
C - 0.090" CLEAR GLASS

## PRODUCT PROPERTIES

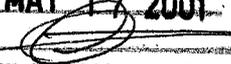
FOOT NOTE	DESCRIPTION	TEST	PROPERTY	
(2) & (3)	FLAME SPREAD INDEX	ASTM E84	495	
(1)	FLAME SPREAD INDEX	ASTM E84-94	25	
(2)	SMOKE DEVELOPMENT INDEX	ASTM E84	50	
(1)	SMOKE DEVELOPMENT INDEX	ASTM E84-94	45	
(2) & (3)	RATE OF BURNING	ASTM D635-91	2.76 in/min.	
(1)	AVERAGE TIME OF BURNING	ASTM D635-91	< 5 SEC.	
(1)	AVERAGE EXTENT OF BURNING	ASTM D635-91	5 mm	
(2)	FLASH IGNITION TEMPERATURE	ASTM D1929-91	664° F	
(1)	FLASH IGNITION TEMPERATURE	ASTM D1929-91	760° F	
(2)	SELF IGNITION TEMPERATURE	ASTM D1929-91	685° F	
(1)	SELF IGNITION TEMPERATURE	ASTM D1929-91	760° F	
(2) & (4)	AVERAGE MODULUS OF RUPTURE	ASTM C158	WEATHERING	
			BEFORE	AFTER
			2556 PSI	2657 PSI

- (1) SPECIMEN: LAMINATED GLASS WITH SAFLEX® IIIG PVB INTERLAYER
- (2) SPECIMEN: SAFELEX® IIIG PVB INTERLAYER ONLY
- (3) SAFELEX® IIIG PVB INTERLAYER BY ITSELF DOES NOT COMPLY WITH THE SOUTH FLORIDA BUILDING CODE.
- (4) WEATHERING PER SECTION 3505 OF THE SOUTH FLORIDA BUILDING CODE.

® SAFLEX IS A REGISTERED TRADEMARK OF SOLUTIA, INC.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE

DATE **MAY 17 2001**

BY   
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-0205.02

REV. #	DESCRIPTION	DATE

APR 19 2001

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

**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
 STRUCTURAL CONSULTING ENGINEERS  
 600 SANDTREE DRIVE, SUITE 203B  
 PALM BEACH GARDENS, FL 33403  
 PHONE: 561-775-4902

**SOLUTIA, INC.**  
 730 WORCESTER STREET  
 SPRINGFIELD, MA 01151  
 PHONE: 508-867-3029; FAX: 508-867-2994

TITLE: **SAFLEX® IIIG PVB INTERLAYER FOR LAMINATED GLASS**

DRAWING NO. 1051	DRAWN BY: W.W.S.	DRAWING DATE: 04/19/01	SHEET NO. 1 OF 1
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Solutia, Inc.

ACCEPTANCE NO: 01-0205.02

APPROVED: MAY 17 2001

EXPIRES: 05/21/2006

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
**(For File Only. Not Part of NOA.)**

**A DRAWING:**

- 1 Drawing prepared by Solutia, Inc., titled "Saflex III G PVB Interlayer for Laminated Glass", Drawing No. 1051, sheet 1 of 1, dated 04/19/01 with no revisions, signed and sealed by W. W. Schaefer, PE.

**B TEST REPORTS:**

	Report No.	Test	Date	Signature
1	SGS 117942-1	ASTM D1929	04/29/96	D. H. Mangnall, P.E.
2	OPL 15542-100699	ASTM D4804	11/04/96	W. E. Fitch, P.E.
3	SGS 117942-3	ASTM E84	04/29/96	D. H. Mangnall, P.E.
4	SGS 117942-2	ASTM D635	04/29/96	D. H. Mangnall, P.E.
5	OPL 15542-100700	ASTM D1929	11/05/96	W. E. Fitch, PE.
6	OPL 15542-100698	ASTM E84	11/04/96	W. E. Fitch, PE.
7	ETC 96-191-3253.0	ASTM G26 & C158	11/05/97	J. L. Doldan, P.E.
8	OPL 15542-101050	ASTM D635	01/31/97	W. W. Fitch, P.E.

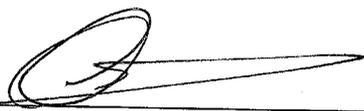
**C CALCULATIONS: N/A**

**D MATERIAL CERTIFICATION:**

- 1 NOA # 98-0120.06

**E OTHER DOCUMENTS:**

- 1 No change letter issued by Solutia, Inc., on 01/22/2001, signed by J. Schimmelpenningh  
2 List of Authorized laminators issued by Solutia, Inc., on 03/12/2001, signed by J. Schimmelpenningh.

  
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Candido Font, PE. Sr. Product Control Examiner  
Product Control Division