MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

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 Woscester Street
Springfield ,MA 01151

Your application for Notice of Acceptance (NOA) of:
Saflex HP
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.: 00-0822.03
EXPIRES: 04/14/2003

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: 10/19/2000

Solutia, Inc.

ACCEPTANCE NO: 00-0822.03

APPROVED: OCT 1 9 2000

EXPIRES: April 14, 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1.0 **SCOPE:**

1.1 This approves a composite interlayer material for lamination between two glasses as described in Section 2 of this Notice of Acceptance. 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 composite **Saflex HP interlayer for lamination** shall comply with the properties of the following document: Drawing 1005B, sheet 1 of 1, prepared by Solutia, Inc., dated 02/28/00. It bears the Miami-Dace County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawing.

3.0 **LIMITATIONS:**

3.1 This approval does not include an evaluation of structural performance of this component. Test reports and other required documents shall be submitted to Dade County Product Control; showing that the systems using this laminated glass will resist the loads according to Chapter 23 of the S.F.B.C., in order to issue an specific product approval for the system.

4.0 **INSTALLATION:**

4.1 The composite interlayer material for lamination are fabricated by Solutia, Inc. and applied by authorized laminators in strict compliance with the manufacturer's instructions and the approved drawing. A list of authorized laminators is prepared by Solutia, Inc. and one copy is kept in the approved file.

5.0 **LABELING:**

5.1 Laminated Glass Pieces with Saflex HP by Solutia, Inc. shall be permanently marked with either MDCA Saflex HP and the laminator name, or MDCA KeepSafe Max II and the laminator name. This mark shall appear in the same area of the lite as the appropriate safety label. The purpose of this marking is to identify the product at all times.

6.0 **BUILDING PERMIT REQUIREMENTS:**

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

6.1.1 This Notice of Acceptance (NOA) and the (NOA) of the system using this component.

6.1.2 Duplicate copies of the approved drawings as identified on section 2 of the NOAs.

6.1.3 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 : 00-0822.03

APPROVED: OCT 1 9 2000

EXPIRES : April 14, 2003

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.

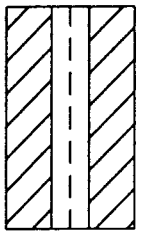
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

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

END OF THIS ACCEPTANCE

SAFLEX® HP
PRODUCT DESCRIPTION

A B C



SECTION

MANUFACTURED BY: SOLUTIA, INC.
DESCRIPTION: SAFLEX® HP IS A COMPOSITE INTERLAYER MADE OF SAFLEX® RM & SAFLEX® IIIG FOR LAMINATION BETWEEN TWO GLASSES. A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS (MINIMUN THICKNESS INDICATED - MULTIPLE LAYERS OF HP TO BE USED AS NECESSARY):

A - 2.3 mm (3/32 in.)	ANNEALED GLASS
B - 1.02 mm (0.04 in.)	SAFLEX® HP INTERLAYER (SAFLEX® RM & SAFLEX ®IIIG)
C - 2.3 mm (3/32 in.)	ANNEALED GLASS

PRODUCT PROPERTIES

FOOT NOTE	DESCRIPTION	TEST	SAFLEX® RM	SAFLEX® IIIG
(1)	FLAME SPREAD INDEX	ASTM E84	10	25
(2) & (3)	FLAME SPREAD INDEX	ASTM E84	345	495
(1)	SMOKE DEVELOPMENT INDEX	ASTM E84	5	45
(2)	SMOKE DEVELOPMENT INDEX	ASTM E84	20	50
(1)	SELF IGNITION TEMPERATURE	ASTM D1929	720° F	760° F
(2) & (3)	SELF IGNITION TEMPERATURE	ASTM D1929	600° F	685° F
(1)	RATE OF BURNING	ASTM D635	1.54 in/min. C.	5 mm in < 5 sec.
(2) & (3)	AVERAGE BURNING RATE	ASTM D635	3.5 in/min.	2.76 in/min.
(1) & (4)	AVERAGE MODULUS OF RUPTURE	ASTM C158	WEATHERING	WEATHERING

(1) SPECIMEN: LAMINATED GLASS WITH SAFLEX® RM INTERLAYER
(2) SPECIMEN: SAFELEX® RM INTERLAYER ONLY
(3) SAFELEX® RM INTERLAYER BY ITSELF DOES NOT COMPLY WITH SOUTH FLORIDA BUILDING CODE.
(4) WEATHERING PER SECTION 3505 OF THE SOUTH FLORIDA BUILDING CODE.
(BEFORE MR = 11090 psi; AFTER MR = 9976 psi AT SAFLEX® RM)
(BEFORE MR = 2556 psi; AFTER MR = 2657 psi AT SAFLEX® IIIG)

® SAFLEX IS A REGISTERED TRADEMARK OF SOLUTIA, INC.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE April 14, 2000
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1227.02

PRODUCT REVISED
ACCEPTANCE NO. 00-0822.03
EXPIRATION DATE 04/14/2003
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

REV. #	DESCRIPTION	DATE

FEB 28 2000

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® HP INTERLAYER FOR LAMINATED GLASS

DRAWING NO.	DRAWN BY:	DRAWING DATE:	SHEET NO.
1005B	W.W.S.	02/28/00	1 OF 1