



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.maimidade.gov/buildingcode

Viracon, Inc.
800 Park Drive
Owatonna, MN 55060

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: StormGuard Glass Interlayer

APPROVAL DOCUMENT: Drawing No. **1567**, titled "StormGuard Interlayer for Laminated Glass", sheet 1 of 1, dated 01/08/08, 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 Division.

MISSILE IMPACT RATING: None

LABELING: Glass lites laminated under this Product Approval shall be permanently marked in a corner of the glass with: a) StormGuard, b) Glass standard specifications, c) Laminator identification mark and d) MDCA, standing for Miami Dade County Approved.

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 # 02-0916.04** 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.**



Carlos M. Utrera
 7/7/08

NOA No. 08-0508.02
Expiration Date: April 14, 2013
Approval Date: July 3, 2008
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **1567**, titled "StormGuard Interlayer for Laminated Glass", sheet 1 of 1, dated 01/08/08, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

	<u>Report No.</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	Omega 15542-109493	ASTM E 84	09/12/01	J.W. Dougherty, P.E.
2.	Omega 15542-109763	ASTM E 84	10/30/01	J.W. Dougherty, P.E.
3.	HTL 0003-0913-01	PA 201 & 203	09/12/02	V. J. Abraham, P.E.
4.	ETC 01-726-10071.0	ASTM C 158	10/15/01	J. L. Doldan, P.E.
5.	ETC 01-726-11204.0	ASTM D 1929	09/24/01	J. L. Doldan, P.E.
6.	ETC 01-726-11204.0	ASTM D 635	09/24/01	J. L. Doldan, P.E.
7.	ETC 01-726-11204.0	ASTM D 2843	09/24/01	J. L. Doldan, P.E.

"Evidence Submitted under NOA # 08-0206.01"

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

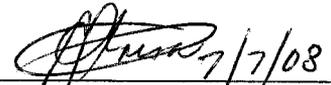
1. Notice of Acceptance No. **08-0206.01**, issued to Solutia, Inc., for their Saflex HP Glass Interlayer, approved on 04/17/08 and expiring on 04/14/13.

F. STATEMENTS

1. Code compliance letter issued by W. W. Schaefer Engineering & Consulting, PA on 02/28/00, signed and sealed by W. W. Schaefer, P.E.
2. No financial interest letter issued by W. W. Schaefer Engineering & Consulting, PA on 02/28/00, signed and sealed by W. W. Schaefer, P.E.
3. Letter listing authorized laminator issued by Solutia Inc. on 01/01/00, signed by J. C. Schimmelpenningh.
"Evidence Submitted under NOA # 08-0206.01"
4. 2004 and 2007 F.B.C. conformance letter issued by W. W. Schaefer Engineering & Consulting, P.A, dated 01/08/08, signed and sealed by Warren W. Schaefer, P.E.

G. OTHER

1. Notice of Acceptance No. **02-0916.04**, issued to Viracon, Inc., approved on 08/22/03 and expiring on 04/14/08.



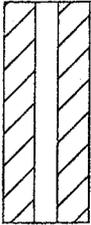
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0508.02

Expiration Date: April 14, 2013

Approval Date: July 3, 2008

STORMGUARD PRODUCT DESCRIPTION

A B A



SECTIONS

MANUFACTURED BY: VIRACON, INC.

DESCRIPTION: STORMGUARD 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 - 2.3 mm (3/32 in.) ANNEALED GLASS
B - 1.27 mm (0.05 in.) SAFLEX® HP (DM) INTERLAYER EXTRUDED SHEET
A - 2.3 mm (3/32 in.) ANNEALED GLASS

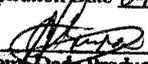
PRODUCT PROPERTIES

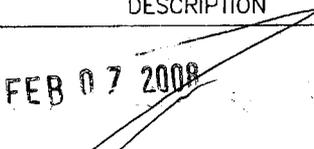
FOOTNOTE	DESCRIPTION	TEST	SAFLEX® HP (DM)
(1)	FLAME SPREAD INDEX	ASTM E84	70
(2) & (3)	FLAME SPREAD INDEX	ASTM E84	355
(1)	SMOKE DEVELOPMENT INDEX	ASTM E84	185
(2)	SMOKE DEVELOPMENT INDEX	ASTM E84	185
(1)	SELF IGNITION TEMPERATURE	ASTM D1929	740 F°
(2) & (3)	SELF IGNITION TEMPERATURE	ASTM D1929	700 F°
(1)	RATE OF BURNING	ASTM D635	10 mm IN 30 SEC.
(2) & (3)	AVERAGE BURNING RATE	ASTM D635	1.83 IN/MIN.
(1)	SMOKE DENSITY	ASTM 2843	0.7%
(2) & (3)	SMOKE DENSITY	ASTM 2843	4.1%
(1) & (4)	AVERAGE MODULUS OF RUPTURE	ASTM C158	WEATHERING

- (1) SPECIMEN: LAMINATED GLASS WITH SOLUTIA INTERLAYER
- (2) SPECIMEN: SOLUTIA INTERLAYER ONLY
- (3) SOLUTIA INTERLAYERS BY THEMSELVES DO NOT COMPLY WITH THE FLORIDA BUILDING CODE.
- (4) WEATHERING PER SECTION 2605.2 OF THE FLORIDA BUILDING CODE.
(BEFORE MR = 5319 psi; AFTER MR = 5490 psi FOR SAFLEX® HP (DM))

®SAFLEX IS A REGISTERED 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 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 16 OF THE F.B.C. A LIST OF AUTHORIZED LAMINATORS SHALL BE FILED WITH DADE COUNTY BY SOLUTIA, INC.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0508.02
Expiration Date 04/14/2013
By 
Miami-Dade Product Control
Division

REV. #	DESCRIPTION	DATE				
	 FEB 07 2008 WARREN W. SCHAEFER, P.E. STRUCTURAL ENGINEER P.E. NO. 44135 W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. STRUCTURAL CONSULTING ENGINEERS 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902		VIRACON, INC. 800 PARK DRIVE OWATONNA, MN 55060 PHONE: 507-444-3333			
			TITLE: STORMGUARD INTERLAYER FOR LAMINATED GLASS			
			DRAWING NO. 1567	DRAWN BY: W.W.S.	DRAWING DATE: 01/08/08	SHEET NO. 1 OF 1