



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

www.miamidade.gov/buldingcode

NOTICE OF ACCEPTANCE (NOA)

Saf-Glas, LLC.
6555 Garden Road.
Riviera Beach, Florida 33404

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: SAF-GLAS Polycarbonate Laminate

APPROVAL DOCUMENT: Drawing No.G99-01, Sheets 1 of 1, titled "SAF-GLAS Polycarbonate Laminate" dated 10/01/99, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration 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) Authorized Laminator name. b) Glass standard specifications. C) D.C.A. Saf-Glas that stands for Dade County Approved Saf-Glas. This mark shall appear in the same area of the lite as the appropriate safety label.

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 revises and renews NOA # 02-1205.03 and consists of this page 1, evidence page E-1, as well as approval document mentioned above.

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



Handwritten signature and date: 12/01/07

NOA No: 07-1116.11
Expiration Date: December 16, 2012
Approval Date: December 27, 2007
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **G99-01**, Sheets 1 of 1, titled "Saf-Glas Polycarbonate Laminate", dated 11/01/99, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.
(Evidence Submitted under NOA # 02-1205.03)

B. TESTS

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	MTS 258446B-1	ASTM D635	03/30/98	R. G. Miller, PE.
2.	MTS 258446A-1	ASTM D 1929	03/30/98	R. G. Miller, PE.
3.	ETC 98-485-5101.1	ASTM D 2843	08/20/99	J.L. Doldan, PE.
4.	MTS 520313	ASTM G26 & D638	12/09/99	R. G. Miller, PE.

(Evidence Submitted under NOA # 02-1205.03)

C. MATERIAL CERTIFICATIONS

1. None

D. QUALITY ASSURANCE

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

E. CALCULATIONS

1. None

F. STATEMENTS

1. Code compliance letter issued by Al-Farooq Corporation on 11/10/99 and signed by Humayoun Farooq, P.E.
2. No financial interest letter issued by Al-Farooq Corporation on 11/10/99 signed and sealed by Humayoun Farooq, P.E.
3. No change letter issued by Security Impact Glass. on 12/02/02 and signed by D. Nichols.
(Evidence Submitted under NOA # 02-1205.03)

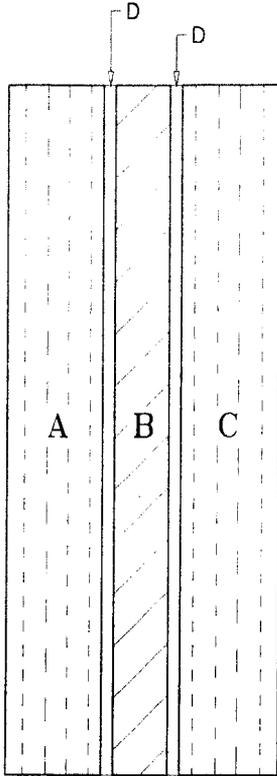
G. OTHERS

1. Letter issued by Saf-Glas, LLC., stating that they legally purchased all assets from Security Impact Glass, LLC., and the product has not changed, signed by Arthur Marino, Jr.
2. Letter issued by Security Impact Glass, LLC., stating that they legally sold all assets to Saf-Glas, LLC., and requesting that NOA # 02-1205.03 be rescinded, dated 11/17/06, signed by Ron Cooper.
3. Asset purchase agreement, dated 09/25/06, signed by Ron Cooper and Arthur Marino, Jr.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-1116.11

Expiration Date: December 16, 2012
Approval Date: December 27, 2007



PRODUCT DESCRIPTION

MANUFACTURED BY 'SAF-GLAS, LLC'
 A PLASTIC INTERLAYER MATERIAL FOR LAMINATION
 WITH GLASS ON BOTH SIDES.
 A TYPICAL GLAZING IS MADE OF THE FOLLOWING
 COMPONENTS (THINNEST PRODUCT CONFIGURATION)

- A- 1/8" MIN. ANNEALED GLASS
- B- .070" MIN. POLYCARBONATE BY 'SAF-GLAS'
- C- 1/8" MIN. ANNEALED GLASS
- D- .015" ADHESIVE BY 'SAF-GLAS'

PRODUCT PROPERTIES

PROPERTIES

TEST

RESULTS

SMOKE DENSITY RATING (MAX.)	ASTM 2843-93	16.4
SELF IGNITION TEMP.	ASTM D1929-91A	950°F (510°C)
BURNING RATE	ASTM D635-91	.74 IN./MIN.
TENSILE STRENGTH (MEAN)	ASTM D638-96	* BEFORE AFTER
		9399 PSI 10178.08 PSI

* WEATHERING PER SECTION 3505.2 OF SOUTH FLORIDA BLDG. CODE.

NOTE:

THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THESE COMPONENTS SHALL APPLY FOR A NOA TO THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION AND SHALL SUBMIT TEST REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEM USING THESE COMPONENTS WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE FBC 2004.

07-1116-11
 12/16/2012
[Signature]

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

a f c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 GLAZING\G99-01

'SAF-GLAS' POLYCARBONATE LAMINATE
SAF-GLAS, LLC
 6555 GARDEN ROAD
 RIVIERA BEACH, FL. 33404
 TEL. (561) 844-3100 FAX. (561) 848-9271

revisions:		
no	date	description
A	3.24.00	ADHESIVE ADD
B	8.15.07	CO. NAME REV.

drawing no.
G99-01
 date: 11-01-99
 scale: 1" = 4"
 sheet 1 of 1

AUG 17 2007