



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Glass Interlayer

APPROVAL DOCUMENT: Drawing No. G99-01, titled "SAF-GLAS Polycarbonate Laminate" sheet 1 of 1, dated 11/01/1999, with revision D dated 10/16/2013, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 Section.

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 renews NOA # 12-1213.04 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.



[Signature]
 12/12/2013

NOA No. 13-1105.10
 Expiration Date: December 16, 2017
 Approval Date: December 19, 2013
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **G99-01**, titled "SAF-GLAS Polycarbonate Laminate" sheet 1 of 1, dated 11/01/1999, with revision D dated 10/16/2013, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	HETI-13-F313	ASTM D1929	09/20/13	Rafael E. Droz-Seda, P.E.
2.	HETI-13-F313	ASTM D2843	09/20/13	Rafael E. Droz-Seda, P.E.

"Submitted under NOA # 02-1205.03"

3.	MTS 258446B-1	ASTM D635	03/30/98	R. G. Miller, P.E.
4.	MTS 258446A-1	ASTM D1929	03/30/98	R. G. Miller, P.E.
5.	ETC 98-485-5101.1	ASTM D2843	08/20/99	J. L. Doldan, P.E.
6.	MTS 520313	ASTM G26 & D638	12/09/99	R. G. Miller, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC and no financial interest issued by Al-Farooq Corporation, dated 10/15/2013, signed and sealed by Javad Ahmad, P.E.



12/12/2013

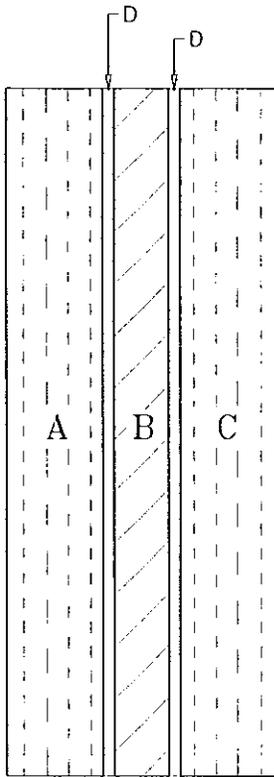
Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 13-1105.10

Expiration Date: December 16, 2017

Approval Date: December 19, 2013



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

23.48%

SELF IGNITION TEMP.

ASTM D1929

761°F (405°C)

BURNING RATE

ASTM D635

.74 IN./MIN.

TENSILE STRENGTH (MEAN)

ASTM D638

* BEFORE		AFTER
9399 PSI		10178.08 PSI

* WEATHERING PER SECTION 2612 OF 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 SECTION 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 FLORIDA BLDG. CODE.

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 18-1105.10
 Expiration Date 12/16/2017
 By *[Signature]*
 Miami Trade Product Control

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 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.
C	12.6.12	2010 UPDATE
D	0.16.13	REV.

drawing no.
G99-01

date: 11-01-99

scale: 1" = 4"

sheet 1 of 1

OCT 17 2013
[Signature]