



**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) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Security Impact Glass Holding L.L.C.
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 High Velocity Hurricane Zone of the Florida Building Code.

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 H. Farooq, PE. 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 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 # 00-0329.03 and consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**



**NOA No: 02-1205.03
Expiration Date: December 16, 2007
Approval Date: January 2, 2003
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Drawing No. **G99-01**, Sheets 1 of 1, titled "Saf-Glas Polycarbonate Laminated," dated 11/01/99, prepared by Al-Farooq Corporation, signed and sealed by H. Farooq, PE

B. TESTS

| | Laboratory | Test | Date | Signature |
|----|-------------------|-----------------|-------------|-------------------|
| 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. |

C. MATERIAL CERTIFICATION

N/A

D. CALCULATIONS

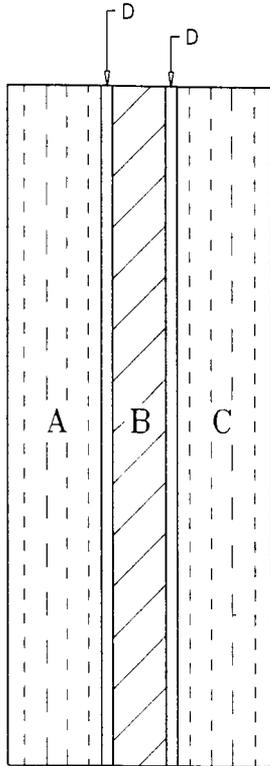
N/A

E. STATEMENTS

1. Code compliance letter issued by Al-Farooq Corporation. on 11/10/99 and signed by H. Farooq, PE
2. No financial interest letter issued by Al-Farooq Corporation on 11/10/99 signed and sealed by H. Farooq, PE.
3. No change letter issued by Security Impact Glass. on 12/02/02 and signed by D. Nichols.



Candido F. Font PE.
Sr. Product Control Examiner
NOA No 02-01205.03
Expiration Date: December 16, 2007
Approval Date: January 02, 2003



PRODUCT DESCRIPTION

MANUFACTURED BY 'SECURITY IMPACT GLASS'
 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 'S.I.G.'
- C- 1/8" MIN. ANNEALED GLASS
- D- .015" ADHESIVE BY 'S.I.G.'

THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS PRODUCT. SYSTEMS INCORPORATING THIS COMPONENT SHALL APPLY FOR A PRODUCT APPROVAL TO THIS OFFICE AND SHALL SUBMIT TEST REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEM WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE F.B.C. 2001

PRODUCT PROPERTIES

| <u>PROPERTIES</u> | <u>TEST</u> | <u>RESULTS</u> | | | | |
|-----------------------------|----------------|--|--------|-------|----------|--------------|
| 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 | * <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">BEFORE</td> <td style="padding: 2px;">AFTER</td> </tr> <tr> <td style="padding: 2px;">9399 PSI</td> <td style="padding: 2px;">10178.08 PSI</td> </tr> </table> | BEFORE | AFTER | 9399 PSI | 10178.08 PSI |
| BEFORE | AFTER | | | | | |
| 9399 PSI | 10178.08 PSI | | | | | |

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

APPROVED
 SOUTH FLORIDA BUILDING CODE
 DATE 05/26/2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE UNIT
 ACCEPTANCE NO. 00-0329.03

PRODUCT REVIEWED
 Miami Code Book for Florida
 Building Code
 Approval No. 02-1205.03
 Expiration Date 12/16/07
 By [Signature]
 Miami Code Product Control
 Division

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557

~~MAR 24 2000~~

| | AL-FAROOQ CORPORATION ENGINEERS, PLANNERS & PRODUCT DESIGN 1235 SW 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264-8100 FAX. (305) 262-6978 | 'SAF-GLAS' POLYCARBONATE LAMINATE SECURITY IMPACT GLASS 6555 GARDEN ROAD RIVIERA BEACH, FL. 33404 TEL. (561) 844-3100 FAX. (561) 848-9271 | revisions: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">no.</th> <th style="font-size: small;">date</th> <th style="font-size: small;">description</th> </tr> <tr> <td style="font-size: x-small;">A</td> <td style="font-size: x-small;">3.24.00</td> <td style="font-size: x-small;">ADHESIVE ADD.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table> | no. | date | description | A | 3.24.00 | ADHESIVE ADD. | | | | | | | drawing no. <div style="font-size: large; font-weight: bold; text-align: center;">G99-01</div> date: 11-01-99 scale: 1" = 4" sheet 1 of 1 |
|----------------|---|---|--|-----|------|-------------|---|---------|---------------|--|--|--|--|--|--|--|
| | no. | date | description | | | | | | | | | | | | | |
| A | 3.24.00 | ADHESIVE ADD. | | | | | | | | | | | | | | |
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| GLAZING\G99-01 | | | | | | | | | | | | | | | | |