



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

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Security Impact Glass Holdings L.L.C.
6555 Garden Road
Riviera Beach FL 33404

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT SECTION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

Your application for Product Approval of:

SAF-GLAS

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 approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime 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 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.: 00-0329.03 (Revises No.: 99-0930.01)

Expires: 12/16/2002

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 Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director

Miami-Dade County
Building Code Compliance Office

Approved: 05/26/2000

1 of 3



NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1.0 SCOPE:

1.1 This revises the Notice of Acceptance No. 99-0930.01 that was issued on 12/16/1999. It approves a laminated glass as described in Section 2 of this Notice of Acceptance, 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 **Saf-Glas Polycarbonate Laminate** shall comply with the properties of the following document: Drawing G99-01, sheet 1 of 1, prepared by Security Impact Glass, dated 11/01/99 with latest revision on 03/24/00. It bears the Miami-Dade 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 laminated glass shall be fabricated in strict compliance with the manufacturer's instructions, the approved drawing and the applicable Section of the South Florida Building Code.

5.0 LABELING:

5.1 Each sheet shall bear a permanent label in the corner of the laminated sheet with "DCA. Saf-Glas" standing for "Dade County Approved. Saf-Glass".

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

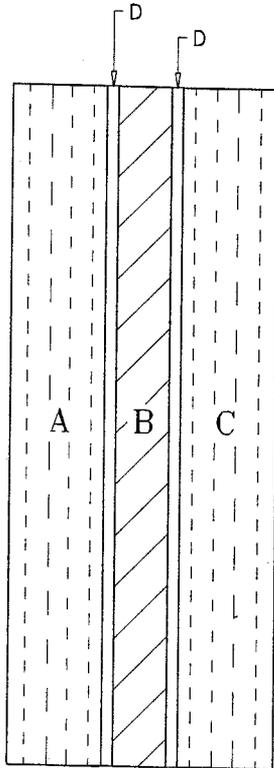
NOTICE OF ACCEPTANCE STANDARD CONDITIONS

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



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.'

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	* <table border="1"> <tr> <td>BEFORE</td> <td>AFTER</td> </tr> <tr> <td>9399 PSI</td> <td>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 AS PERMITTED BY
 SOUTH FLORIDA BUILDING CODE
 DATE 05/26/2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0329.03

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

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 GLAZING\G99-01

'SAF-GLAS' POLYCARBONATE LAMINATE
SECURITY IMPACT GLASS
 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.

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

MAR 24 2000