



**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](http://www.maimidade.gov/buildingcode)

**Glasslam N.G.I., Inc.**  
**1601 Blount Road.**  
**Pompano Beach, FL 33062**

**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: Safety-Plus II Laminated Glass.**

**APPROVAL DOCUMENT:** Drawing No. **03-009R2**, titled "Glasslam Safety-Plus II Laminated Glass", Sheet 1 of 1, dated 06/03/03, with no revision, prepared by ENGCO, Inc, signed and sealed by Pedro De Figueiredo, 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:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**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 # 03-0225.10** 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.**



*[Handwritten Signature]*  
 8/20/08

NOA No. 08-0709.04  
 Expiration Date: August 7, 2013  
 Approval Date: September 11, 2008  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **03-009R2**, titled "Glasslam Safety-Plus II Laminated Glass", Sheet 1 of 1, dated 06/03/03, with no revision, prepared by ENGCO, Inc, signed and sealed by Pedro De Figueiredo, P.E.  
*"Submitted under NOA # 03-0225.10"*

**B. TESTS**

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	PRI01089	ASTM D 790	04/12/02	C.L. Thomas, P.E.
2.	PRI01089	ASTM G 26	04/12/02	C.L. Thomas, P.E.
3.	ETC 02-718-11963.2	ASTM D 635	07/11/02	J. L. Doldan, P.E.
4.	ETC 02-718-11963.2	ASTM D 2843	07/11/02	J. L. Doldan, P.E.
5.	ETC 03-877-13089.0	ASTM D 1929	02/10/03	J. L. Doldan, P.E.

*"Submitted under NOA # 03-0225.10"*

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**


1. None.

**F. STATEMENTS**

1. No change letter issued by Glasslam N.G.I., Inc., dated 07/09/08, signed by Violet Howes.
2. Code compliance letter issued by ENGCO, Inc. on 02/18/03, signed and sealed by Pedro De Figueiredo, P.E.
3. No financial interest letter issued by Glasslam N.G.I., Inc., on 01/14/03, signed by Steve Howes.  
*"Submitted under NOA # 03-0225.10"*

**G. OTHER**

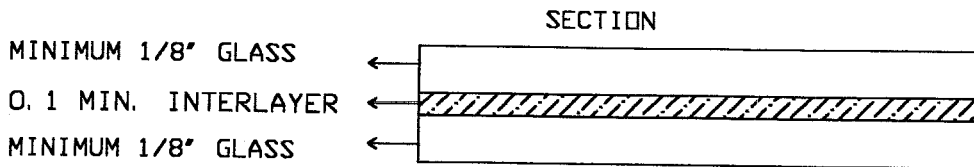
1. Notice of Acceptance No. **03-0225.10**, issued to Glasslam N.G.I., Inc., approved on 08/07/03 and expiring on 08/07/08.

  
\_\_\_\_\_  
Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 08-0709.04  
Expiration Date: August 8, 2013  
Approval Date: September 11, 2008

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 08-0709.04  
 Expiration Date 08/07/2013

By *[Signature]*  
 Miami Dade Product Control  
 Division

## SAFETY-PLUS II - LAMINATED GLASS



### PRODUCT PROPERTIES:

DESCRIPTION	TEST	PROPERTIES	FBC REQUIREMENTS
REPORT# ETC 02-718-11963.0 - INTERLAYER ONLY			
RATE OF BURNING	ASTM D635-96	0.90	CLASS 1
SMOKE DENSITY	ASTM D2843-93	54.4%	<=75%
SELF-IGNITION	ASTM D1929-96	620°F	>=650°F
REPORT# ETC 03-877-13089.0 - LAMINATED SPECIMEN			
SELF IGNITION	ASTM D1929-96	650°F	>=650°F
REPORT# GLS-001-02-01			
FLEXURAL TEST	ASTM D790	1806 PSI	VARIATION
WEATHERING *	ASTM G 26	2.3%	±10%
FLEXURAL TEST	ASTM D790	1848 PSI	

\* WEATHERING PER SECTION 2605.02 OF THE FLORIDA BUILDING CODE

### INTER LAYER

MATERIAL: POLYLAM, POLYURETHANE LAMINATING POLYMER MANUFACTURED BY GLASSLAM.

### GLASS

MATERIAL: ALL GLAZING MATERIAL SHALL CONFORM WITH FLORIDA BUILDING CODE SECTION 2411 AND RELATED STANDARDS.

### LAMINATED GLASS

MATERIAL: SAFETY-PLUS II, LAMINATED GLASS BY GLASSLAM.

### GENERAL NOTES:

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

2- A LIST OF APPROVED LAMINATORS IS KEPT ON FILE WITH GLASSLAM.

3- THE INTER LAYER BY ITSELF DOES NOT COMPLY WITH THE PLASTIC REQUIREMENTS OF FLORIDA BUILDING CODE, IT MUST BE COVERED WITH GLASS ON BOTH SIDES.

4- MARKING: EACH LAMINATED SHALL BEAR THE NAME AND TRADEMARK OF THE LAMINATOR AND THE DESIGNATION OF THE APPLICABLE SAFETY GLAZING STANDARD.

MANUFACTURER:  
**Glasslam NGI Inc.**

1601 BLOUNT ROAD  
 POMPANO BEACH - FL  
 TEL: (954) 975-3233  
 FAX: (954) 975 3225

PRODUCT:  
**Glasslam  
 Safety-Plus II  
 Laminated  
 Glass**

Engineering:  
**EngCo Inc.**

CA 8116  
 6971 W. Sunrise Blvd. 104  
 Plantation, FL 33313  
 Tel.: (954) 585-0304

*[Signature]*  
**JUN 24 2003**

Engineer Seal  
 Pedro De Figueiredo  
 PE 52609

Date: 6/3/03  
 Scale: na  
 Design by: PPMF

Reserved for Dade County:

Approved as complying with the  
 Florida Building Code  
 Date: 08/07/03  
 No. 03-0225.10  
 Miami Dade Product Control  
 Division  
*[Signature]*

Drawing Number  
**03-009R2**

Sheet  
**1 of 1**