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
www.maimidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Solamatrix, Inc.
2630 Fairfield Avenue S.
St. Petersburg, FL 33712

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: Safe-Gard 1400/1700 PS Laminate Composite

APPROVAL DOCUMENT: Drawing No. **IGU-02-02-01B**, Sheets 1 of 1, titled "Impact Resistance Glazing", dated 07/25/08, with no revisions, prepared by Solamatrix, Inc., signed and sealed by P.E. Vinik, 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) Safe-Gard, b) Glass standard specifications, c) Authorized Laminator's name and d) M.D.C.A., that stands for Miami Dade County Approved.

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 NOA # 04-1006.08** 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.**

MIAMI-DADE COUNTY APPROVED

9/16/08

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **IGU-02-02-01B**, Sheets 1 of 1, titled "Impact Resistance Glazing", dated 07/25/08, with no revisions, prepared by Solamatrix, Inc., signed and sealed by P. E. Vinik, P.E.

B. TESTS

	Laboratory	Test	Date	Signature
1.	ETC-05-755-16704.0	ASTM D2843	10/04/05	J.L. Doldan, P.E.
2.	ETC-01-755-10728.0	ASTM D1929	01/10/02	J.L. Doldan, P.E.
3.	ETC-01-755-10728.0	ASTM D635	01/10/02	J. L. Doldan, P.E.
4.	ETC-01-755-10728.0	ASTM D2843	01/10/02	J. L. Doldan, P.E.
5.	ETC-01-755-10728.0	ASTM C158	01/10/02	J. L. Doldan, P.E.

"Submitted under NOA # 04-1006.08"

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Code compliance letter issued by Passero Associates, P.C. on 04/17/02, signed and sealed by M.D. Passero, P.E.
2. No financial interest letter issue by Passero Associates P.C. on 04/17/02, signed and sealed by M.D. Passsero, P.E.

"Submitted under NOA # 04-1006.08"

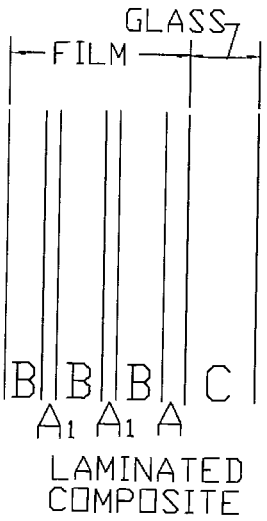
1. Original design engineer statement, issued by Passero Associates, dated 04/24/07, signed by Mark D. Passero, P.E.

G. OTHERS

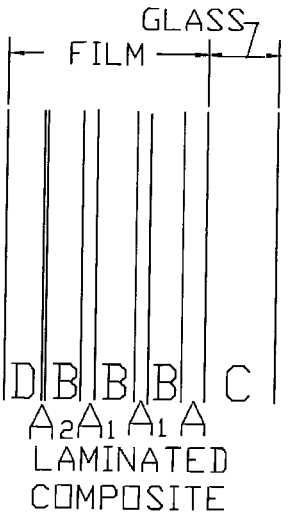
1. Asset purchase agreement between Film Technologies International, Inc. and Solamatrix, Inc., signed by Donald Wheeler and Andrew Kwan respectively.
2. Certified statement issued by Solamatrix, Inc., dated 06/13/08, signed by David Fletcher.
3. Bill of sale issued by Film Technologies International, Inc., dated 03/20/08, signed by Donald Wheeler.

9/16/08

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0624.06
Expiration Date: August 15, 2012
Approval Date: October 9, 2008



SAFE-GARD 1400 /1700 PS



SAFE-GARD 1400/1700 PS IS A FILM USED TO LAMINATE GLASS AND IT IS MADE OF THE FOLLOWING COMPONENTS SHOWN BELOW

COMPONENTS MINIMUM THICKNESS

A 0.001" PSA ACRYLIC PRESSURE SENSITIVE ADHESIVE

A_1 0.000625" PSA ACRYLIC PRESSURE SENSITIVE ADHESIVE

B 0.004" PET POLYETHYLENE TEREPHTHALATE

C 3/32" GLASS

D 0.002" PET POLYETHYLENE TEREPHTHALATE WITH A THIN LAYER OF VARIOUS METALS AND METAL OXIDES (I.E.-SILVER, GOLD INDIUM TIN OXIDE). THIS MATERIAL REQUIRES TO BE EDGE DELETED TO ENSURE ADEQUATE SEAL OF THE INSULATED GLASS UNIT AND TO PREVENT EDGE CORROSION.

TEST DESCRIPTION	TEST METHOD	TEST RESULTS
SELF IGNITION TEMP	ASTM D1929	740° F
RATE OF BURNING	ASTM D635	A.T.B. 20 SEC A.E.B. 1.27 IN
SMOKE DENSITY	ASTM D2843	13.1% <75%
MODULUS OF RUPTURE BEFORE WEATHERING	ASTM C158	2497.984 PSI
MODULUS OF RUPTURE OF AFTER WEATHERING	ASTM C158	2524.852 PSI

Approved as complying with the Florida Building Code
Date 10/09/2008
NOA# 08-0624.06
Miami Dade Product Control Division
By

*WEATHERING PER SECTION 2612 OF THE FLORIDA BUILDING CODE 2004

NOTE: THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPOMENT. SYSTEMS INCORPORATING SAFE-GARD 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 THIS COMPONENT WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE F.B.C. 2004. A LIST OF AUTHORIZED LAMINATORS SHALL BE FILED WITH THIS OFFICE BY SOLAMATRIX, INC.

APPROVAL AND STAMP

Paul Virick
P.E. # 63032

SMOKE DENSITY PER ASTM D2843 OF METALIZED PET, D, LAMINATED TO GLASS	13.9% (PASS <75%)

DRAWING IGU-02-02-01 5/21/02
REVISED IGU-02-01B 11/23/05
REVISED IGU-02-01C 7/24/08

TOLERANCES
ANGLES +/- .5 DEGREE
.000 +/- .003
.00 +/- .015
FRACTIONS +/- 1/32

NAME JRYAN / JFLORES
DATE 7/25/08
PROJECT SAFE-GARD 1400/1700 PS
ASSY# NONE
SCALE NTS

SOLAMATRIX, INC.
St. Petersburg, FL

IMPACT RESISTANCE GLAZING

SHT. 1 OF 1 | DWG NO. IGU-02-02-01C