



**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)

**Oldcastle Glass Inc.
12717 W Sunrise Blvd.
Suite 301
Sunrise, FL 33323**

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: Storm Glass used for lamination of glass.

APPROVAL DOCUMENT: Drawing No. 1216, Sheets 1 of 1, titled "Stormglass Laminated Glass," dated 04/02/03, prepared by W.W. Schaefer Engineering & Consulting, P.A., Inc. signed and sealed by W. W. Schaefer, PE. bearing 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.

MISSILE IMPACT RATING: None

LABELING: Laminated glass pieces with Storm Glass by Oldcastle Glass Inc. shall be permanently marked with MDCA Storm Glass. 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 consists of this page, evidence page as well as approval document mentioned above.

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


12/11/03



**NOA No: 03-0514.15
Expiration Date: December 11, 2008
Approval Date: December 11, 2003**

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing No.1216, Sheets 1 of 1, titled "Stormglass Laminated Glass," dated 04/02/03, prepared by W.W. Schaefer Engineering & Consulting, P A, signed and sealed by W. W. Schaefer, P.E.

B. TESTS

	Laboratory	Test	Date	Signature
1.	Omega 15542-110291	ASTM E 84	02/26/03	J.W. Dougherty PE.
2.	ETC 03-191-13090.0	ASTM D 1929	02/10/03	J. L. Doldan, PE.
3.	ETC 03-191-13090.0	ASTM D 635	02/10/03	J. L. Doldan, PE.
4.	ETC 03-191-13090.0	ASTM D 2843	02/10/03	J. L. Doldan, PE.
5.	ETC 01-726-11271.0	ASTM C 158	10/15/01	J. L. Doldan, PE.
6.	ETC 03-191-13748.0	ASTM D 2843	07/25/03	J.L. Doldan, PE

C. MATERIAL CERTIFICATION

N/A

D. QUALITY ASSURANCE.

1. Miami-Dade County Product Control Division.

D. CALCULATIONS

N/A

E. STATEMENTS

1. Code compliance letter issued by W. W. Schaefer Engineering & Consulting, PA on 04/07/03, signed and sealed by W. W. Schaefer, PE.
2. No financial interest letter issued by W. W. Schaefer Engineering & Consulting, PA on 04/07/03 signed and sealed by W. W. Schaefer, PE.
3. Private Labeling Agreement between Solutia Inc. and Oldcastle Glass Inc signed by J. Schimmelpenningh on 05/05/03 and F. J. Bush on 05/12/03.



12/11/03

Candido F. Font PE.

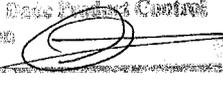
Sr. Product Control Examiner

NOA No 03-0514.15

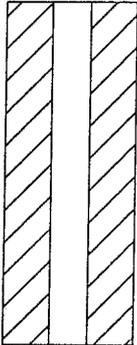
Expiration Date: December 11, 2008

Approval Date: December 11, 2003

STORMGLASS™ PRODUCT DESCRIPTION

Approved as complying with the
Florida Building Code
Date: 12/11/03
NOA# 03-0514.15
Miami-Dade Building Control
Division
By: 

A B C



SECTION

MANUFACTURED BY: OLDCASTLE GLASS INC.
DESCRIPTION: STORMGLASS™ IS A VANCEVA™ COMPOSITE (VS-XX) INTERLAYER BY SOLUTIA INC. LAMINATED BETWEEN TWO OR MORE LITES OF GLASS BY OLDCASTLE GLASS INC. A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS (MINIMUM THICKNESS INDICATED - MULTIPLE LAYERS OF INTERLAYER TO BE USED AS NECESSARY):

A - 2.3 mm (3/32")	ANNEALED GLASS
B - 1.91 mm (0.075")	VANCEVA™ COMPOSITE (VS-XX) INTERLAYER
C - 2.3 mm (3/32")	ANNEALED GLASS

PRODUCT PROPERTIES

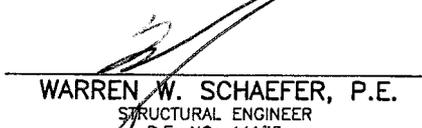
FOOT NOTE	DESCRIPTION	TEST	VANCEVA™ COMPOSITE (VS-XX) INTERLAYER (2)
(1)	FLAME SPREAD INDEX	ASTM E84	55
(1)	SMOKE DEVELOPMENT INDEX	ASTM E84	350° F
(1)	SELF IGNITION TEMPERATURE	ASTM D1929	660° F
(1)	AVG. TIME OF BURNING	ASTM D635	1.52 MIN. C2
(1)	AVG. EXTENT OF BURNING	ASTM D635	2.96 INCHES
(1)	SMOKE DENSITY	ASTM D2843	54.9%
(1 & 3)	AVG. MOD OF RUPTURE	ASTM C158	WEATHERING (3)

- (1) SPECIMEN: LAMINATED GLASS WITH VANCEVA™ COMPOSITE (VS-XX) INTERLAYER
- (2) VANCEVA™ COMPOSITE (VS-XX) BY ITSELF (UNPROTECTED) DOES NOT COMPLY WITH FLORIDA BUILDING CODE.
- (3) WEATHERING PER SECTION 2605.2 OF THE FLORIDA BUILDING CODE.
(BEFORE MR = 3901.571 PSI; AFTER MR = 3597.164 PSI DELTA 7.8%)

STORMGLASS™ IS A TRADEMARK OF OLDCASTLE GLASS, INC.

VANCEVA™ COMPOSITES ARE ALSO KNOWN AS VANCEVA STORM (VS-XX).

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

REV. #	DESCRIPTION	DATE
	NOV 10 2003	
	 WARREN W. SCHAEFER, P.E. STRUCTURAL ENGINEER P.E. NO. 44135	
	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. STRUCTURAL CONSULTING ENGINEERS 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902	

OLDCASTLE GLASS, INC. 9550 WEST HIGGINS ROAD #390 ROSEMONT, IL 60018 PHONE: 847-692-3500; FAX: 847-692-4298			
TITLE: STORMGLASS™ LAMINATED GLASS			
DRAWING NO. 1216	DRAWN BY: K.P.S.	DRAWING DATE: 04/02/03	SHEET NO. 1 OF 1