



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.miamidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Cytec Industries, Inc.
1950 Lake Park Drive
Smyrna, GA 30080

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: Uvekol S Laminated Glass Interlayer

APPROVAL DOCUMENT: Drawing No. **07-298**, titled "Uvekol S Laminated Glass", sheet 1 of 1, dated 12/10/07, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., 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: Glass lites laminated under this Product Approval shall be permanently marked in a corner of the glass with: a) Laminator identification mark, b) Glass standard specifications, c) MDCA, standing for Miami Dade County Approved and d) Uvekol S.

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 # **07-0525.07** and consists of this page, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Handwritten Signature]
 4/2/09

NOA No: 09-0310.03
Expiration Date: February 08, 2010
Approval Date: April 22, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No. **07-298**, titled "Uvekol S Laminated Glass", sheet 1 of 1, dated 12/10/07, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.
"Submitted under NOA # 07-0525.07"

B. TEST REPORTS

	<u>Test Report</u>	<u>Test Standard</u>	<u>Test Date</u>	<u>Signature</u>
1.	MTS 520444	ASTM D635	05/26/00	R. G. Miller, P.E.
2.	MTS 520444	ASTM D1929	05/30/00	R. G. Miller, P.E.
3.	MTS 520444	ASTM E84	06/08/00	R. G. Miller, P.E.
4.	MTS 520444	ASTM C158	06/08/00	R. G. Miller, P.E.

"Submitted under NOA # 03-1223.04"

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

D. MATERIAL CERTIFICATIONS

1. None.

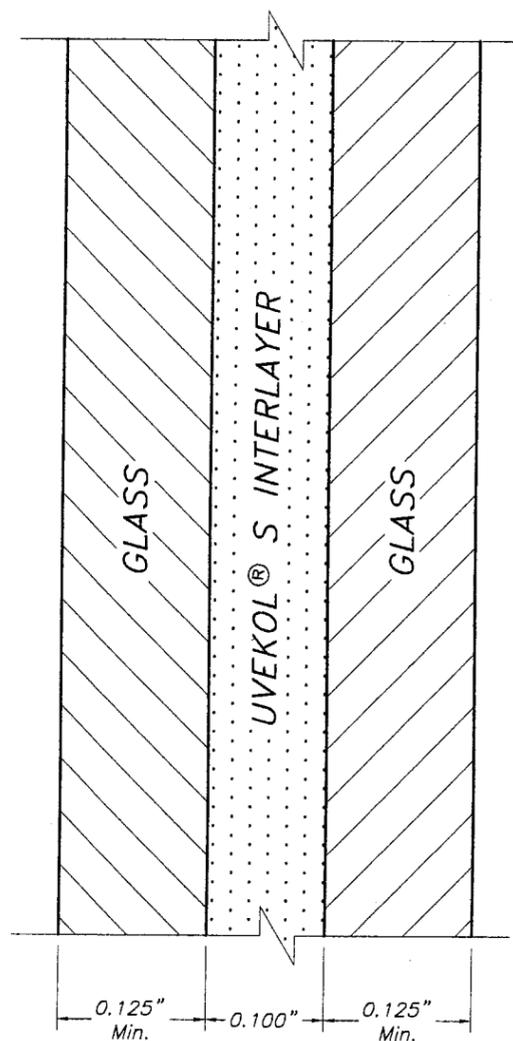
E. STATEMENTS

1. One year extension request letter issued by Cytec Industries, Inc., dated 03/03/09, signed by Jonathan Shaw, Ph.D.
2. Testing agreement letter issued by Testing Evaluation Laboratories, Inc. dated 02/10/09, signed by Vivian K. Wright.
3. Code compliance letter issued by Tilteco, Inc. dated 03/27/09, signed and sealed by Walter A. Tillit Jr., P.E.
4. Certificate of ownership and merger issued by the State of Delaware on 12/19/2006, signed by James P. Cronin and James M. Young.
"Submitted under NOA # 07-0525.07"
5. Code compliance Letter issued by Tilteco, Inc. dated 01/08/01, signed and sealed by Walter A. Tillit Jr., P.E.
"Submitted under NOA # 03-1223.04"



4/2/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 09-0310.03
Expiration Date: February 08, 2010
Approval Date: April 22, 2009



CROSS SECTION

DESCRIPTION:

A LAMINATED GLASS CONSISTING OF TWO (2) LITES OF GLASS WITH A CURED UVEKOL® S INTERLAYER BY CYTEC INDUSTRIES, INC. UVEKOL® S IS A LIQUID RESIN USED TO LAMINATE GLASS. IT CURES UPON EXPOSURE TO UV LIGHT AND IN THE ABSENCE OF OXYGEN. AFTER IT IS PUMPED INTO THE AFORMED SPACE BETWEEN TWO LAYERS OF GLASS AND CURED FOR 20 TO 30 MINUTES. THE CURED RESIN BECOMES THE INTERLAYER OF LAMINATED GLASS.

MATERIAL CHARACTERISTICS

TEST TITLE	DESIGNATION	TEST RESULTS
RATE OF BURNING	ASTM D-635	DID NOT PASS 25 mm MARK (2)
FLAME SPREAD INDEX	ASTM E-84	65 < 75 (2)
SMOKE DENSITY INDEX	ASTM E-84	200 < 450 (2)
FLASH IGNITION TEMP	ASTM D-1929	626° F (1)
SELF IGNITION TEMP	ASTM D-1929	680° F (1)

		WEATHERING *	
		BEFORE	AFTER
FLEXURAL MODULUS	ASTM C-158	1,009,475 psi.	986,261 psi.

* WEATHERING PER SECTION 2612 OF THE FLORIDA BUILDING CODE 2007.

- (1) UVEKOL ONLY.
- (2) LAMINATED GLASS WITH UVEKOL.

USE:

LAMINATED GLASS WITH UVEKOL® S FABRICATED BY AN APPROVED LAMINATOR CAN BE USED AS A COMPONENT OF BUILDING SYSTEMS AFTER HAVING A VALID AND CURRENT PRODUCT CONTROL NOTICE ACCEPTANCE. A LIST OF APPROVED LAMINATORS IS KEPT ON FILE WITH THIS OFFICE, UVEKOL® S BY ITSELF DOES NOT COMPLY WITH THE PLASTIC REQUIREMENT OF THE FLORIDA BUILDING CODE, THEREFORE IT SHALL BE COVERED BY GLASS ON BOTH SIDES.

NOTE:

THIS IS COMPONENT APPROVAL AND DOES NOT INCLUDE A STRUCTURAL PERFORMANCE EVALUATION. SYSTEMS INCORPORATING LAMINATED GLASS WITH UVEKOL INTERLAYER SHALL APPLY FOR AN NOA TO THIS OFFICE 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 FLORIDA BUILDING CODE 2007.

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No: 07-0310.03
 Expiration Date: 02/03/2010
 By: *[Signature]*
 Miami-Dade Product Control
 Division

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

MIAMI-DADE COUNTY	 MAR 27 2009 P.E. SEAL/SIGNATURE/DATE	© 2009 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY <small>6355 N.W. 36th., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166 Phone : (305)871-1530 Fax : (305)871-1531</small> EB-0006719 WALTER A. TILLIT Jr., P.E. FLORIDA Lic. # 44167	UVEKOL® S LAMINATED GLASS CYTEC INDUSTRIES, INC. <small>1950 LAKE PARK DRIVE SMYRNA, GA 30080 PHONE: (678)255-4743 FAX: (678)255-4745</small>	DRAWN BY: F.P. 03/27/09 DATE 09-044																		
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OLD DWG # 07-29B</td> <td>03/27/09</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> </tr> </tbody> </table>	REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	OLD DWG # 07-29B	03/27/09	3			2			4			SHEET 1 OF 1
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