



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.miamidade.gov/buildingcode

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. **10-012**, titled "Uvekol S Laminated Glass", sheet 1 of 1, dated 01/22/10, 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 # 09-0310.02 and # 09-0310.03** 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]
 04/14/10

NOA No: 10-0331.02
Expiration Date: February 08, 2014
Approval Date: May 05, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No. **10-012**, titled "Uvekol S Laminated Glass", sheet 1 of 1, dated 01/22/10, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TEST REPORTS

Laminated Glass with Uvekol S Interlayer:

	<u>Test Report</u>	<u>Test Standard</u>	<u>Test Date</u>	<u>Signature</u>
1.	TEL 01630091	ASTM D635-03	03/25/09	Lyndon F. Schmidt, P.E.
2.	TEL 01630093	ASTM D2843-99	03/25/09	Lyndon F. Schmidt, P.E.
3.	TEL 01630112	ASTM G155-04, C158-02	03/25/09	Lyndon F. Schmidt, P.E.

Uvekol S Interlayer:

	<u>Test Report</u>	<u>Test Standard</u>	<u>Test Date</u>	<u>Signature</u>
4.	TEL 01630095	ASTM D635-03	03/25/09	Lyndon F. Schmidt, P.E.
5.	TEL 01630092	ASTM D1929-96	03/25/09	Lyndon F. Schmidt, P.E.
6.	TEL 01630094	ASTM D2843-99	03/25/09	Lyndon F. Schmidt, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

D. MATERIAL CERTIFICATIONS

1. None.

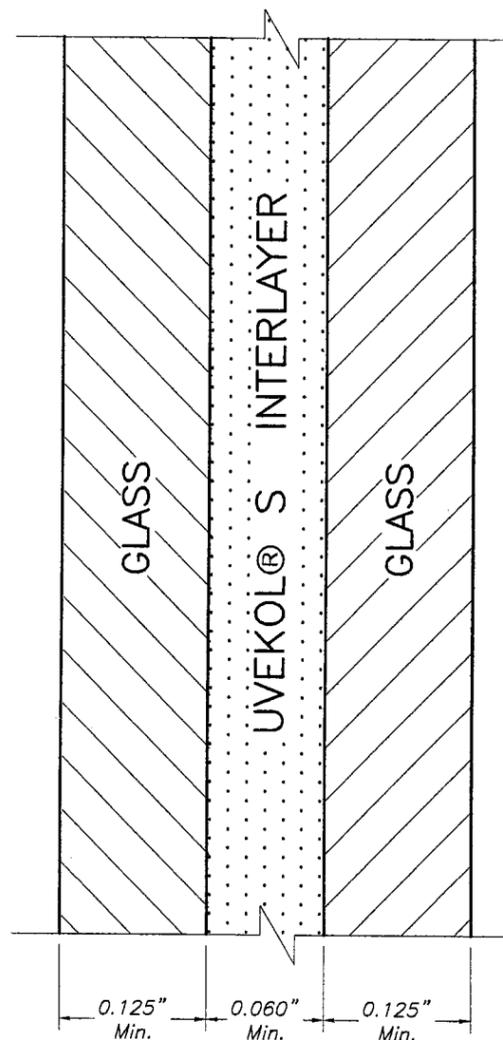
E. STATEMENTS

1. No change of product letter issued by Cytec Industries, Inc., dated 01/26/10, signed by Jonathan Shaw, Ph.D.
2. Code compliance letters issued by Tilteco, Inc. dated 03/27/09, signed and sealed by Walter A. Tillit Jr., P.E.
"Submitted under NOA # 09-0310.02 and # 09-0310.03"



04/14/10

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 10-0331.02
Expiration Date: February 08, 2014
Approval Date: May 05, 2010



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 INTERLAYER 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 PLASTICS	ASTM D-635-03	0.92 in/min. < 1.0 in/Min (C-1 & CC1) (1) 0.00 in/min. < 1.0 in/Min (C-1 & CC1) (2)
SMOKE DENSITY RATING	ASTM D-2843-99	10.0% ACTUAL < 75% ALLOWED (1) 0.9% ACTUAL < 75% ALLOWED (2)
SELF IGNITION TEMPERATURE	ASTM D-1929-96	734° F ACTUAL > 650° F MINIMUM ALLOWED (1)
XENON ARC ACCELERATED WEATHERING FLEXURAL MODULUS	ASTM C-155-04 ASTM C-158-02	WEATHERING * (2) BEFORE 2948 psi. AFTER 3251 psi. (9.33% DIFFERENCE < 10% MAXIMUM DIFFERENCE)

* WEATHERING PER SECTION 2612 OF THE FLORIDA BUILDING CODE 2007.
(1) UVEKOL ONLY.
(2) LAMINATED GLASS WITH UVEKOL.

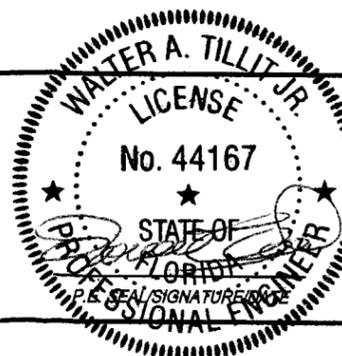
USE:

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.

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No 10-0331.02
Expiration Date 02/08/2014
By *[Signature]*
Miami Dade Product Control Division
MIAMI-DADE COUNTY



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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
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e-mail: tilteco@aol.com
EB-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

UVEKOL® S LAMINATED GLASS
CYTEC INDUSTRIES, INC.
1950 LAKE PARK DRIVE, BLDG. 1900 SUITE 345
SMYRNA, GA 30080
PHONE: (678)255-4743, FAX: (678)255-4745

DRAWN BY: L.G.
DATE: 1/22/10
10-012
SHEET 1 OF 1

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD DWG # 09-043	1/22/10	3		
2	GENERAL	3/11/10	4		