



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Allnex USA 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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section 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. **20-253**, titled "Uvekol® S Laminated Glass", sheet 1 of 1, dated 08/14/2020, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., 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 Section.

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. The laminate's or interlayer's packaging is to identify the manufacturer's name or logo, manufacturing plant's city and state, and the statement reading 'Miami-Dade County Product Control 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 # 19-0221.01** and consists of this page, evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



NOA No: 20-0901.03
Expiration Date: February 8, 2024
Approval Date: November 5, 2020
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

1. Evidence submitted under previous NOA's

A. DRAWING "Submitted under NOA #15-0603.09"

1. Drawing No. **15-152**, titled "Uveköl® S Laminated Glass", sheet 1 of 1, dated 05/28/2015, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TEST REPORTS "Submitted under NOA #10-0331.02"

Laminated Glass with Uveköl S Interlayer:

	Test Report	Test Standard	Test Date	Signature
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.

Uveköl S Interlayer:

	Test Report	Test Standard	Test Date	Signature
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 Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS "Submitted under NOA #15-0603.09"

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Tilteco, Inc., dated 05/26/2015, signed and sealed by Walter A. Tillit Jr., P.E.

"Submitted under NOA # 13-1126.20"

2. Statement letter of code conformance to 2010 FBC issued by Tilteco, Inc., dated 11/18/2013, signed and sealed by Walter A. Tillit Jr., P.E.
3. Statement letter issued by Allnex USA Inc., confirming that they legally purchased all assets from Cytec Industries, Inc., dated 11/14/2013 and signed by Douglas N. Gordon.
4. Statement letter issued by Cytec Industries Inc., confirming that they have sold all the necessary machinery, equipment and know-how used in the fabrication of the UVEKOL, dated 11/14/2013 and signed by Thomas J. Irwin.
5. Certificate of amendment issued by the State of Delaware dated 06/11/2013.
6. Stock and asset purchase agreement dated 10/08/2012.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 20-0901.03

Expiration Date: February 8, 2024
Approval Date: November 5, 2020

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

2. Evidence submitted under NOA # 17-0919.09

A. DRAWING

1. Drawing No. **17-217**, titled “Uvekol® S Laminated Glass”, sheet 1 of 1, dated 08/11/2017, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TEST REPORTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 6th Edition (2017) FBC issued by Tilteco, Inc., dated 08/11/2017, signed and sealed by Walter A. Tillit Jr., P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 20-0901.03
Expiration Date: February 8, 2024
Approval Date: November 5, 2020

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

3. New evidence submitted

A. DRAWING

1. Drawing No. **20-253**, titled “Uvekol® S Laminated Glass”, sheet 1 of 1, dated 08/14/2020, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TEST REPORTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

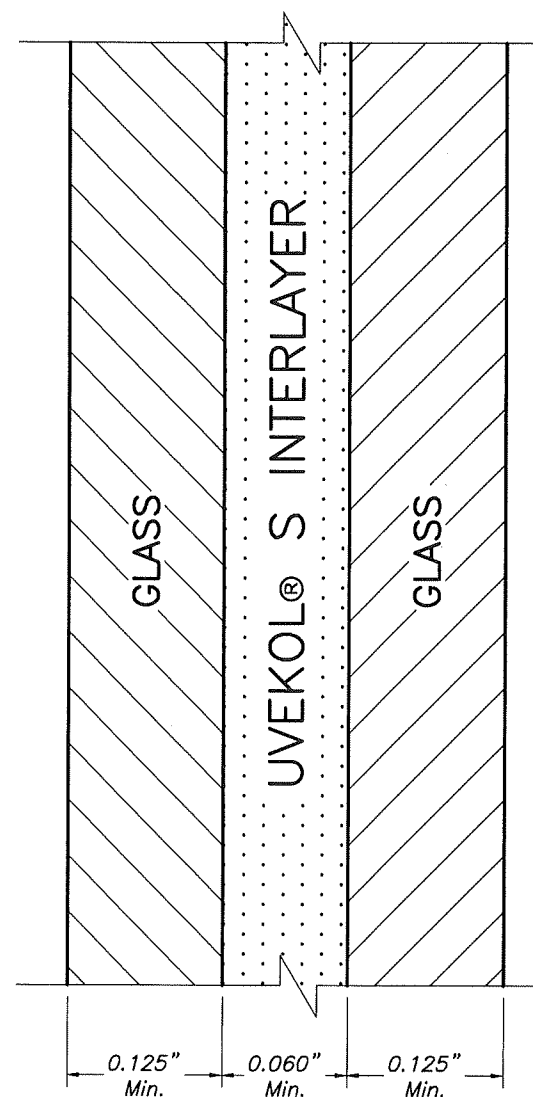
1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 7th Edition (2020) FBC issued by Tilteco, Inc., dated 08/14/2020, signed and sealed by Walter A. Tillit Jr., P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 20-0901.03
Expiration Date: February 8, 2024
Approval Date: November 5, 2020



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

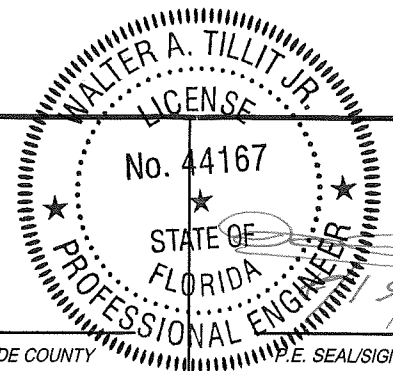
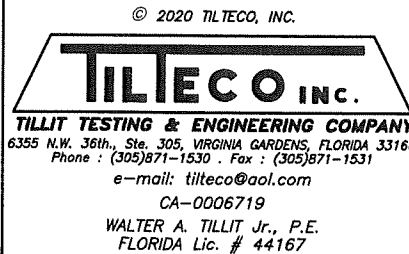
* WEATHERING PER SECTION 2615 OF THE FLORIDA BUILDING CODE 2020 (7th EDITION).
(1) UVEKOL ONLY.
(2) LAMINATED GLASS WITH UVEKOL.

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 THE 2020 (7th EDITION) OF THE FLORIDA BUILDING CODE.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0901.03
Expiration Date 02/08/2024
By 
Miami-Dade Product Control

 P.E. SEAL/SIGNATURE/DATE			FLORIDA BUILDING CODE (High Velocity Hurricane Zone)	
		UVEKOL® S LAMINATED GLASS		DRAWN BY: F.P.
		ALLNEX USA, INC. 1950 LAKE PARK DRIVE, 1900 SUITE 345 SMYRNA, GA 30080 PHONE: (678)255-4743 FAX: (678)255-4745		08/14/2020 DATE
		REV. No. DESCRIPTION DATE REV. No. DESCRIPTION DATE		20-253
		1 OLD 17-217 08/14/20 3		SHEET 1 OF 1
		2		