



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](http://www.miamidade.gov/economy)

**Chang Chun Chemical Corporation**  
10475 Perry Highway, Suite G103  
Wexford, PA 15090

**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: WINLITE® PVB Film Glass Interlayer**

**APPROVAL DOCUMENT:** Drawing No. **1901**, titled “Winlite PVB Film”, sheet 1 of 1, dated 05/28/2015, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: None**

**LABELING:** Laminated lites under this Product Approval shall be permanently marked in a corner of the glass with: “MDCA-Winlite PVB”, standing for “Miami-Dade County Approved – Winlite PVB”, and the laminator’s identification mark. These marks shall be applied by the individual laminator producing the finished laminated glass product containing the Winlite PVB interlayer. 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 #14-1208.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



*[Signature]*  
10/26/2017

NOA No. 17-0803.43  
Expiration Date: October 8, 2020  
Approval Date: November 2, 2017  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER NOA #14-1208.01**

**A. DRAWINGS**

1. Drawing No. **1901**, titled "Winlite PVB Film", sheet 1 of 1, dated 05/28/2015, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

	<u>Test report</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	D1903.01-106-18	ASTM D1929	08/06/14	Gary T. Hartman, P.E.
2.	D1903.01-106-18	ASTM D 635	08/06/14	Gary T. Hartman, P.E.
3.	D1903.01-106-18	ASTM D 2843	08/06/14	Gary T. Hartman, P.E.
4.	D1903.01-106-18	ASTM G 155	08/06/14	Gary T. Hartman, P.E.
5.	D1903.01-106-18	ASTM G 158	08/06/14	Gary T. Hartman, 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**

1. Statement letter of code conformance to 2010 and the 5<sup>th</sup> edition (2014) FBC issued by W. W. Schaefer Engineering & Consulting, P.A., dated 05/28/2015, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest issued by W. W. Schaefer Engineering & Consulting, P.A., dated 05/28/2015, signed and sealed by Warren W. Schaefer, P.E.
3. Distributor agreement dated 08/14/2015.



10/26/2017

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 17-0803.43  
Expiration Date: October 8, 2020  
Approval Date: November 2, 2017

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. None.

**B. TESTS**

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**

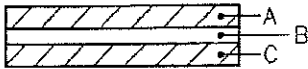
1. Statement letter of code conformance to the 6<sup>th</sup> Edition (2014) and 6<sup>th</sup> Edition (2017) FBC issued by W. W. Schaefer Engineering & Consulting, P.A., dated 07/19/2015, signed and sealed by Warren W. Schaefer, P.E.



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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 17-0803.43  
Expiration Date: October 8, 2020  
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## PRODUCT DESCRIPTION



SECTION

**DESCRIPTION:** WINLITE PVB FILM BY CHANG CHUN PETROCHEMICALS CO., Ltd IS A MONOLITHICALLY EXTRUDED POLYVINYL BUTYRAL RESIN (65 TO 75%) & TRIETHYLENE GLYCOL DI-2-ETHYL HEXANOATE PLASTICIZER (25 TO 35%). THE TYPICAL GLAZING MAKE-UP SHALL INCLUDE THE FOLLOWING COMPONENTS:

- "A" = MINIMUM 0.11" (2.8 mm) ANNEALED GLASS
- "B" = MINIMUM 0.03" (0.76 mm) WINLITE PVB INTERLAYER
- "C" = MINIMUM 0.11" (2.8 mm) ANNEALED GLASS

## PRODUCT PROPERTIES

FOOT NOTE	DESCRIPTION	TEST	TEST RESULTS	
(1)	SMOKE DENSITY	ASTM D2843-04	9.5	
(1)	RATE OF BURNING	ASTM D635-06	CLASS CC2 @ 0 IN/MIN	
(1)	SELF IGNITION TEMPERATURE	ASTM D1929-01	770° F (410° C)	
(1)	AVERAGE FLEXURAL STRENGTH BEFORE & AFTER WEATHERING	ASTM C158-02 & G155-05	BEFORE	AFTER
			4310 PSI	4560 PSI
			% CHANGE = +5.8 %	

(1) SPECIMEN TESTED CONSISTED OF THE INTERLAYER MATERIAL LAMINATED BETWEEN TWO PANES OF GLASS.

**GENERAL NOTES:**

1. WINLITE PVB BY IT SELF DOES NOT MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. IT MUST ALWAYS BE LAMINATED BETWEEN TWO(2) PANES OF GLASS.
2. GLASS ALLOY IS NOT RESTRICTED TO ANNEALED. GLASS ALLOY MAY BE ANNEALED, HEAT STRENGTHENED, CHEMICALLY TEMPERED OR TEMPERED.
3. WINLITE PVB IS A CLEAR FILM & SHALL NOT BE COLORED NOR TINTED. NOTE THAT CLEAR FILM DOES CONTAIN SMALL AMOUNTS OF ADDITIVES SUCH AS STABILIZERS, ETC.
4. WINLITE PVB INTERLAYER HAS BEEN TESTED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE CHAPTER 26.
5. THIS IS A COMPONENT APPROVAL ONLY & DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THIS COMPONENT AS PART OF THEIR OWN OVERALL STRUCTURAL SYSTEM SHALL APPLY FOR THEIR OWN SEPARATE APPROVALS & SHALL SUBMIT TEST REPORTS AND OTHER DOCUMENTS SHOWING THAT THE SYSTEM USING THIS COMPONENT WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE FLORIDA BUILDING CODE.
6. THE INTERLAYER MAY BE MADE UP OF SINGLE OR MULTIPLE LAYERS AS REQUIRED TO ACHIEVE THE OVERALL INTERLAYER THICKNESS DESIRED.

Approved as complying with the Florida Building Code  
 Date 10/08/2015  
 NOAR 14-1208.01  
 Miami Dade Product Control

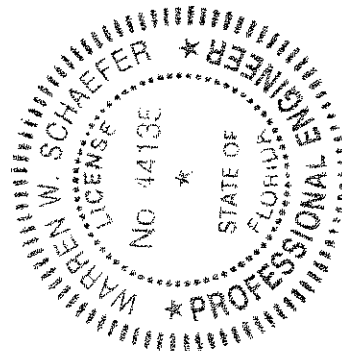
By [Signature]

**PRODUCT REVISED**  
 as complying with the Florida Building Code

NOA-No. 17-0803.43

Expiration Date 10/08/2020

By [Signature]  
 Miami-Dade Product Control



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.	PLOT: 1=1	DATE: 05/28/15		
NO.	REVISION DESCRIPTION	BY	DATE		
DRAWING TITLE: <b>WINLITE PVB FILM</b> NOA APPLICANT: <b>CHANG CHUN CHEMICAL CORP.</b> 10475 PERRY HWY.; SUITE G103 WEXFORD, PA 15090 412-932-8973					
CONSULTANTS: <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424					
CERTIFICATION <b>SEP 02 2015</b>			WARREN W. SCHAEFER, P.E. P.E. NO. 44136		
DRAWING NO.		REV.			
1901					
SHEET NO.					
1		OF 1			