



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

Sekisui S-LEC America LLC
1200 Rolling Hills Lane
Winchester, KY 40391

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: S-LEC PVB Glass Interlayer

APPROVAL DOCUMENT: Drawing No. 1646, titled "S-LEC PVB Glass Laminate Film", sheet 1 of 1, dated 05/28/2009, with revision A1 dated 10/24/2011, prepared by W.W. Schaefer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, 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 laminated under this product approval shall be permanently marked in a corner of the glass with: "MDCA-S-LEC PVB" and the laminator's identification mark. These marks shall be applied by the individual laminator producing the finished laminated glass product containing the S-LEC 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'.

LIMITATION: This approval does not include an evaluation of structural performance of this component.

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 # 20-0622.06 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 **Ishaq I. Chanda, P.E.**



NOA No: 23-0713.29
Expiration Date: September 2, 2024
Approval Date: August 24, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOAs

A. DRAWING *"Submitted under NOA # 11-1026.09"*

1. Drawing No. 1646, titled "S-LEC PVB Glass Laminate Film", sheet 1 of 1, dated 05/28/2009, with revision A1 dated 10/24/2011, prepared by W.W. Schaefer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E.

B. TEST REPORTS *"Submitted under NOA # 09-0618.05"*

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	ATI 90988.01-106-18	ASTM D 635	05/07/09	Joseph A. Reed, P.E.
2.	ATI 90988.01-106-18	ASTM D1929	05/07/08	Joseph A. Reed, P.E.
3.	ATI 70698.01-106-18	ASTM D 2843	12/07/07	Joseph A. Reed, P.E.
4.	ATI 70698.01-106-18	ASTM G 155	12/07/07	Joseph A. Reed, P.E.
5.	ATI 70698.01-106-18	ASTM D 790	12/07/07	Joseph A. Reed, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

F. STATEMENTS *"Submitted under NOA # 14-0501.04"*

1. Statement letter of code conformance to 2010 and 5th edition (2014) FBC, issued by W.W. Schaefer Engineering & Consulting, P.A, dated 04/15/2014, 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 04/15/2014, signed and sealed by Warren W. Schaefer, P.E.
3. Statement letter of code conformance to the 5th Edition (2014) and 6th Edition (2017) FBC and of no financial interest, issued by W.W. Schaefer Engineering & Consulting, P.A, dated 07/19/2017, signed and sealed by Warren W. Schaefer, P.E.

"Submitted under NOA # 09-0618.05"

4. Distributor agreements dated 06/18/2009.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No 23-0713.29

Expiration Date: September 2, 2024

Approval Date: August 24, 2023

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

2. EVIDENCE SUBMITTED

A. DRAWING

1. None.

B. TEST REPORTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

F. STATEMENTS

1. Statement letter of code conformance to the 6th edition (2017) and 7th edition (2020) FBC issued by W.W. Schaefer Engineering & Consulting, P.A, dated 06/05/2020, signed and sealed by Warren W. Schaefer, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No 23-0713.29

Expiration Date: September 2, 2024

Approval Date: August 24, 2023

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

3. NEW EVIDENCE SUBMITTED

A. DRAWING (submitted under previous approval)

1. Drawing No. **1646**, titled "S-LEC PVB Glass Laminate Film", sheet 1 of 1, dated 05/28/2009, with revision A1 dated 10/24/2011, prepared by W.W. Schaefer Engineering & Consulting, P.A, signed and sealed by Warren W. Schaefer, P.E.

B. TEST REPORTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) FBC issued by W.W. Schaefer Engineering & Consulting, P.A, dated JUL 01, 2023, signed and sealed by Warren W. Schaefer, P.E
2. Statement letter of code conformance to the 6th edition (2017) and 7th edition (2020) FBC issued by W.W. Schaefer Engineering & Consulting, P.A, dated 06/05/2020, signed and sealed by Warren W. Schaefer, P.E. (submitted under previous approval).

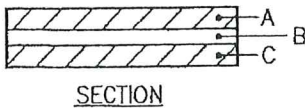
G. OTHER

1. This NOA revises NOA # 20-0622.06, updates to FBC 2023, expiring 09/02/24



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No 23-0713.29
Expiration Date: September 2, 2024
Approval Date: August 24, 2023

PRODUCT DESCRIPTION



DESCRIPTION: S-LEC PVB BY SEKISUI S-LEC AMERICA, LLC IS A MONOLITHICALLY EXTRUDED POLYVINYL BUTYRAL RESIN & TRIETHYLENE GLYCOL BIS (2-ETHYLHEXANOATE) PLASTICIZER. THE TYPICAL GLAZING MAKE-UP SHALL INCLUDE THE FOLLOWING COMPONENTS:

"A" = MINIMUM 7/64" (2.7 mm) ANNEALED GLASS

"B" = MINIMUM 0.039" (0.98 mm) S-LEC PVB INTERLAYER

"C" = MINIMUM 7/64" (2.7 mm) ANNEALED GLASS

PRODUCT PROPERTIES

FOOT NOTE	DESCRIPTION	TEST	TEST RESULTS
(1)	SMOKE DENSITY	ASTM D2843-04	0.43
(2) & (3)	RATE OF BURNING	ASTM D635-06	CLASS C1 @ 0 IN/MIN
(2)	SELF IGNITION TEMPERATURE	ASTM D1929-00	752° F (400° C)
(2) & (3)	AVERAGE FLEXURAL STRENGTH BEFORE & AFTER WEATHERING	ASTM D790-03 & G155-05	BEFORE
			AFTER
			4426 PSI 4021 PSI
			% CHANGE = -9.1 %

- (1) SPECIMEN TESTED CONSISTED OF THE INTERLAYER MATERIAL ONLY.
 (2) SPECIMEN TESTED CONSISTED OF THE INTERLAYER MATERIAL LAMINATED BETWEEN TWO PANES OF GLASS.
 (3) THE STANDARD USED FOR TESTING OF THIS PRODUCT IS A MORE CURRENT VERSION OF THE SAME STANDARD SPECIFIED IN THE FLORIDA BUILDING CODE. NOTE THAT THE STANDARD SHOWN IN THIS TABLE IS EQUIVALENT TO THAT EARLIER STANDARD SPECIFIED IN THE CODE.

GENERAL NOTES:

- S-LEC 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.
- GLASS ALLOY IS NOT RESTRICTED TO ANNEALED. GLASS ALLOY MAY BE ANNEALED, HEAT STRENGTHENED, CHEMICALLY TEMPERED OR TEMPERED.
- S-LEC 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.
- S-LEC PVB INTERLAYER HAS BEEN TESTED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE SECTIONS 2605, 2606 & 2612.
- THIS IS A COMPONENT APPROVAL ONLY. STRUCTURAL PERFORMANCE OF THIS PRODUCT WITHIN OTHER SYSTEMS IS NOT PART OF THIS APPROVAL. SYSTEMS USING THIS COMPONENT AS PART OF THEIR OWN OVERALL STRUCTURAL SYSTEM SHALL APPLY FOR THEIR OWN SEPERATE APPROVALS.
- THE INTERLAYER MAY BE MADE UP OF SINGLE OR MULTIPLE LAYERS AS REQUIRED TO ACHIEVE THE OVERALL INTERLAYER THICKNESS DESIRED.

Product Revised as complying with the Florida Building Code
 Acceptance No. 23-0713-29
 Expiration Date 09/02/2024

By [Signature]
 Miami-Dade Product Control

PRODUCT REVISED
 as complying with the Florida Building Code

NOA-No. 20-0622.06

Expiration Date 09/02/2024

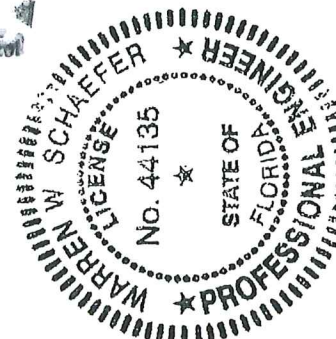
By [Signature]
 Miami-Dade Product Control

PRODUCT RENEWED
 as complying with the Florida Building Code

NOA-No. 19-0606.05

Expiration Date Sept 02, 2024

By [Signature]
 Miami-Dade Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=1		DATE: 05/28/09	
DATE	BY	REVISION	DESCRIPTION
10/24/11	W.W.S.	AT	UPDATE CONSULTANTS ADDRESS
DRAWING TITLE: S-LEC PVB GLASS LAMINATE FILM			
MANUFACTURER: SEKISUI S-LEC AMERICA, LLC 1200 ROLLING HILLS LANE WINCHESTER, KY 40391 859-745-4676		CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION OCT 24 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1646 REV. A SHEET NO. 1 OF 1	