



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)

Everlam N.V.  
Blokhuisstraat 47J  
Mechelen, Belgium 2800

**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: Everlam Super Tough PVB Glass Interlayer**

**APPROVAL DOCUMENT:** Drawing No. AD19-04, titled “Super Tough PVB 0.76mm (0.030”) Interlayer”, sheet 1 of 1, dated 09/01/2020, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval 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: a) Everlam PVB, b) Laminator’s identification mark and c) M.D.C.A that stands for Miami Dade County Approved. The laminate’s or interlayer’s packaging is to identify the manufacturer’s name or logo, manufacturing plant’s, Uentrop, Germany, 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



NOA No. 20-0929.03  
Expiration Date: April 29, 2026  
Approval Date: April 29, 2021

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **AD19-04**, titled “Super Tough PVB 0.76mm (0.030”) Interlayer”, sheet 1 of 1, dated 09/01/2020, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

**B. TESTS**

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	FTL/QAI 12320	ASTM D635-18	08/28/20	Idalmis Ortega, P.E.
2.	FTL/QAI 12320	ASTM D1929-16	08/28/20	Idalmis Ortega, P.E.
3.	FTL/QAI 12320	ASTM D2843-16	08/28/20	Idalmis Ortega, P.E.
4.	FTL/QAI 10942	ASTM G155-13	08/28/20	Idalmis Ortega, P.E.
5.	FTL/QAI 10942	ASTM G158-02	08/28/20	Idalmis Ortega, 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**

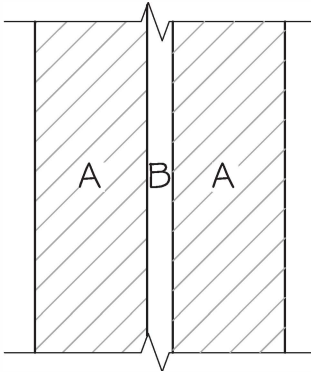
1. Statement letter of code conformance to the 6<sup>th</sup> edition (2017) and 7<sup>th</sup> edition (2020) of the FBC, issued by MCY Engineering, Inc., dated 09/01/2020, signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest issued by MCY Engineering, Inc., dated 09/01/2020, signed and sealed by Yiping Wang, P.E.
3. Distributor Agreement between Everlam, Inc., New Jersey, USA, and Everlam NV, Mechelen, Belgium, dated 03/02/2021, signed by H. Aaron Parekh and Albrecht Luick respectively.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 20-0929.03**  
**Expiration Date: April 29, 2026**  
**Approval Date: April 29, 2021**

# EVERLAM SUPER TOUGH PVB 0.76mm (0.030") INTERLAYER



SECTION

## PRODUCT DESCRIPTION

MANUFACTURED BY: EVERLAM NV.

DESCRIPTION: EVERLAM PVB INTERLAYER IS A MONOLITHICALLY EXTRUDED PLASTIC FILM CONSISTING OF PVB RESIN (73-82%) AND PLASTICIZER (18-27%) (TRIETHYLENE GLYCOL BIS (2-ETHYLHEXANOATE)) USED IN THE LAMINATION OF GLASS.

A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS (MINIMUM THICKNESSES INDICATED - MULTIPLE LAYERS OF INTERLAYER TO BE USED AS NECESSARY):

A	1.87mm (0.074") ANNEALED GLASS
B	0.76mm (0.030") EVERLAM PVB INTERLAYER
A	1.87mm (0.074") ANNEALED GLASS

## MATERIAL PROPERTIES SUMMARY

TEST DESCRIPTION	TEST METHOD	TEST RESULT	FBC CRITERIA
SELF-IGNITION TEMPERATURE	ASTM D1929	710F	>650°F
RATE OF BURNING	ASTM D635	1.54 in./min.	<2.5 in./min.
SMOKE DENSITY	ASTM D2843	33.07%	<75 %
FLEXURAL STRENGTH TEST	ASTM C158	7-9%	<10%


**TABLE NOTES:**

1. PERCENT DIFFERENCE BETWEEN CONTROL AND WEATHERED SPECIMENS AS PER FBC.

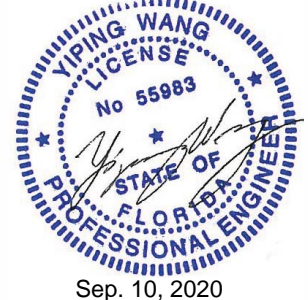
## GENERAL NOTES:

- EVERLAM PVB BY ITSELF DOES NOT MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE CHAPTER 26. IT MUST ALWAYS BE LAMINATED BETWEEN (2) PANES OF GLASS.
- GLASS ALLOY IS NOT RESTRICTED TO ANNEALED. GLASS ALLOY MAY BE ANNEALED, HEAT STRENGTHENED, CHEMICALLY TEMPERED OR TEMPERED.
- THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THESE COMPONENTS SHALL APPLY FOR A NOA TO THE MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 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 FLORIDA BUILDING CODE.
- THE INTERLAYER MAY BE MADE UP OF SINGLE OR MULTIPLE LAYERS AS REQUIRED TO ACHIEVE THE OVERALL INTERLAYER THICKNESS DESIRED.

MIAMI-DADE COUNTY

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
**NOA-No.** 20-0929.03  
**Approval Date** 04/29/2021  
**By**   
**Miami-Dade Product Control**

YIPING WANG, P.E.  
FLORIDA REGISTRATION



Sep. 10, 2020

DRAWING NO. <b>AD19-04</b>		SUPER TOUGH PVB 0.76mm (0.030") INTERLAYER	 <b>MCY ENGINEERING, INC.</b> GLAZING CONSULTANTS 12781 Miramar Pkwy Ste.301 Miramar, FL 33027 P: 305.271.0117 www.MCYEngineering.com mcy@mcyengineering.com
Drawn Date 09/01/2020	Drawn by T.G.	EVERLAM NV. SCHALIENHOEVEDREEF 20-D B-2800 MECHELEN - BELGIUM TEL. (770)-317-9638	
Sheet No. <b>01 OF 01</b>	Rev. No.    Date    Drawn By    Description		