



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
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www.miamidade.gov/economy

Everlam B.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™ LAM50 PVB Glass Interlayer

APPROVAL DOCUMENT: Drawing No. **AD21-08**, titled “Everlam™ LAM50 PVB Interlayer”, sheet 1 of 1, dated 10/15/2023, with revision R3 dated 07/19/2024, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control revision 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™ LAM50 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 **revises NOA # 23-1017.24** 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.**



08/30/24

NOA No. 24-0812.02
Expiration Date: October 7, 2026
Approval Date: September 12, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 21-0628.05 and # 23-1017.24

A. DRAWINGS

1. Drawing No. **AD19-04**, titled “Everlam™ LAM50 PVB Interlayer”, sheet 1 of 1, dated 10/15/2023, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

B. TESTS “Submitted under NOA # 21-0628.05”

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	M8329.01-106-18 R0	ASTM D635-14	09/24/21	Vinu J. Abraham, P.E.
2.	FTL/QAI 12298	ASTM D1929-16	04/08/21	Idalmis Ortega, P.E.
3.	FTL/QAI 12298	ASTM D2843-16	04/08/21	Idalmis Ortega, P.E.
4.	FTL/QAI 12332	ASTM G155-13	04/08/21	Idalmis Ortega, P.E.
5.	FTL/QAI 12332	ASTM C158-02	04/08/21	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 7th edition (2020) and 8th edition (2023) of the FBC and of no financial interest, issued by MCY Engineering, Inc., dated 10/15/2023, signed and sealed by Yiping Wang, P.E.
2. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by MCY Engineering, Inc., dated 06/17/2021, signed and sealed by Yiping Wang, P.E.
3. Statement letter of no financial interest issued by MCY Engineering, Inc., dated 06/17/2021, signed and sealed by Yiping Wang, P.E.
3. Distributor Agreement between Everlam, Inc., New Jersey, USA, and Everlam NV, Mechelen, Belgium, dated 04/22/2021, signed by H. Aaron Parekh and Albrecht Luick respectively.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0812.02
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New evidence submitted

A. DRAWINGS

1. Drawing No. **AD19-04**, titled “Everlam™ LAM50 PVB Interlayer”, sheet 1 of 1, dated 10/15/2023, with revision R3 dated 07/19/2024, 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.	Q5382.01-106-18 R0	ASTM G155-13	06/26/24	Tanya A. Dolby, P.E.
2.	Q5382.01-106-18 R0	ASTM D638	06/26/24	Tanya A. Dolby, P.E.
3.	Q5382.01-106-18 R0	ASTM D1929-16	06/26/24	Tanya A. Dolby, P.E.
4.	Q5382.01-106-18 R0	ASTM D2843-16	06/26/24	Tanya A. Dolby, P.E.
5.	Q5382.01-106-18 R0	ASTM D635-14	06/26/24	Tanya A. Dolby, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

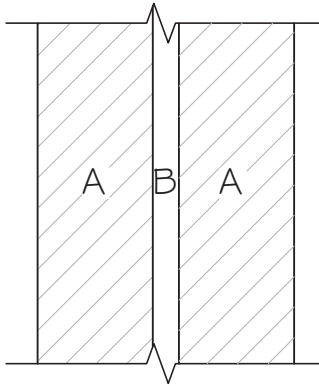
F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) of the FBC and of no financial interest, issued by MCY Engineering, Inc., dated 07/19/2024, signed and sealed by Yiping Wang, P.E.
2. Distributor Agreement dated 04/25/2024.



Carlos M. Utrera, P.E.
Product Control Examiner
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EVERLAM™ LAM50 PVB INTERLAYER



SECTION

PRODUCT DESCRIPTION

MANUFACTURED BY: EVERLAM BV.

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	0.03" THICK EVERLAM™ LAM50 PVB INTERLAYER (MATERIAL CODE: D2)
A	1.87mm (0.074") ANNEALED GLASS

MATERIAL PROPERTIES SUMMARY

TEST DESCRIPTION	TEST METHOD	TEST RESULT	FBC CRITERIA
SELF-IGNITION TEMPERATURE	ASTM D1929	698°F	>650°F
RATE OF BURNING	ASTM D635	1.46 in./min.	<2.5 in./min.
SMOKE DENSITY	ASTM D2843	8.1%	<75 %
TENSILE STRENGTH TEST	ASTM D638	10.0%	≤10%

TABLE NOTES:

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

GENERAL NOTES:

1. EVERLAM PVB BY ITSELF DOES NOT MEET THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE 2023 CHAPTER 26. IT MUST ALWAYS BE LAMINATED BETWEEN (2) PANES OF GLASS.
2. GLASS ALLOY IS NOT RESTRICTED TO ANNEALED. GLASS ALLOY MAY BE ANNEALED, HEAT STRENGTHENED, CHEMICALLY TEMPERED OR TEMPERED.
3. 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 8TH EDITION FLORIDA BUILDING CODE 2023.
4. THE INTERLAYER MAY BE MADE UP OF SINGLE OR MULTIPLE LAYERS AS REQUIRED TO ACHIEVE THE OVERALL INTERLAYER THICKNESS DESIRED.
5. LAM50 NCO IS AN IDENTIFICATION MARK OF THIS PRODUCT.

MIAMI-DADE COUNTY

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 24-0812.02

Expiration Date 10/07/2026

By 
Miami-Dade Product Control



DRAWING NO.

AD21-08

Drawn Date

07.19.2024

Drawn by

James

Sheet No.

01 OF 01

R3

07.19.2024

James

Revision

R2

10.15.2023

James

update FBC 2023

Rev.

No.

Date

Drawn

By

Description

EVERLAM™ LAM50 PVB INTERLAYER

EVERLAM B.V.

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B-2800 MECHELEN - BELGIUM

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