

EQUIVALENCY EVALUATION REPORT	
Project No.: ACE-2024-119	Report No.: EER-ACE-1102, Rev. 0

Product Description: Series 142 Fixed Window, Impact, Non-HVHZ

Product Manufacturer: Eastern Architectural Systems, 16341 Domestic Avenue, Fort Myers, FL 33912

Code Compliance Statement: This report evaluates the fenestration product(s) listed above to the requirements of FAC Product Approval Rule 61G20-3.005. This product complies with the requirements of the 8th Edition (2023) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ) per the product testing standards listed below and their equivalent standards in the 8th Edition (2023) FBC.

Compliance Method: Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

Documentation/References:

1. Installation Drawing No. EAS2302, Rev. 0, signed and sealed by Robert J. Amoruso, PE.
 - a. This drawing is in conformance with the 8th Edition (2023) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ)
2. Element Materials Technology, 115 South 84th Ave, Wausau, WI 54401 Test Reports
 - a. Test Report No. ESP 2088W, dated 3/20/12 and Associated laboratory drawings, Series 142.000 PW Vinyl Equal Leg Frame Fixed Lite Window 50 x 63. Performance Standards used in testing, non-HVHZ locations:
 - i. AAMA/WDMA/CSA 101/I.S.2/A440-05
 - ii. AAMA 506-08
 - iii. ASTM E1886-05
 - iv. ASTM E1996-06
 - b. Test Report No. ESP 2088W-1, dated 3/20/12 and Associated laboratory drawings, Series 142.000 PW Vinyl Fin Frame Fixed Lite Window 50 x 63. Performance Standards used in testing, non-HVHZ locations:
 - i. AAMA/WDMA/CSA 101/I.S.2/A440-05
 - ii. AAMA 506-08
 - iii. ASTM E1886-05
 - iv. ASTM E1996-06
 - c. Test Report No. ESP 2088W-2, dated 3/20/12 and Associated laboratory drawings, Series 142.000 PW Vinyl Equal Leg Frame Fixed Lite Window 64 x 84. Performance Standards used in testing, non-HVHZ locations:
 - i. AAMA/WDMA/CSA 101/I.S.2/A440-05
 - ii. AAMA 506-08
 - iii. ASTM E1886-05
 - iv. ASTM E1996-06
 - d. Test Report No. ESP 2088W-3, dated 3/20/12 and Associated laboratory drawings, Series 142.000 PW Vinyl Fin Frame Fixed Lite Window 64 x 84. Performance Standards used in testing, non-HVHZ locations:
 - i. AAMA/WDMA/CSA 101/I.S.2/A440-05
 - ii. AAMA 506-08
 - iii. ASTM E1886-05
 - iv. ASTM E1996-06

Component Certification and Code Conformance:

- Eastman Chemical Co. Saflex PVB interlayer code conformance per the currently issued Miami-Dade Notice of Acceptance (NOA) component approval to the 8th Edition (2023) Florida Building Code. See Miami-Dade NOA listing [here](#).

Performance Testing Standards (See Documentation section above for test report listings):

- AAMA/WDMA/CSA 101/I.S.2/A440-05
- AAMA 506-08
- ASTM E1886-05
- ASTM E1996-06

Performance Testing Equivalency Evaluation per Product Approval Rule 61G20-3.015(4)(d):

Test Report Ref. No.	Testing Standards Used		Testing Standards Required by 8 th Edition (2023) Edition of the Florida Building Code		Comments
	ASTM Designation	Year	FBC	FRC	
1	AAMA/WDMA/CSA 101/I.S.2/A440	05	08	08	See EVALUATION CONCLUSION below.
	AAMA 506	08	16	16	
	ASTM E1886	05	13A	13A	
	ASTM E1996	06	14A	14A	

- All ASTM and AAMA performance testing standards used in testing and listed above have been compared to those required in the 8th Edition (2023) Florida Building Code – Building and Residential Volumes and found to be acceptable and in conformance.

Certificate of Independence per Product Approval Rule 61G20-3.009

Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

Robert J. Amoruso, P.E. does not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



Digitally signed by Robert J Amoruso
Date: 2024.06.21 15:33:43 -04'00'

Evaluated by:
Robert J. Amoruso, P.E.
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