

EQUIVALENCY EVALUATION REPORT	
Project No.: ACE-2024-119	Report No.: EER-ACE-1100, Rev. 0

Product Description: Series FWI 1000 (XO or OX) Horizontal Roller (Slider), Impact, 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 including 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. Test Report by Black Water Technical Services Inc. West Palm Beach, FL 33413
 - a. Report No. BT-EAS-20-002, dated 3/26/21, signed and sealed by Constantin Bortes, FL PE No. 77915
 - i. Test Standards
 1. ASTM E283-04
 2. ASTM E331-09
 3. ASTM E1886-13a and ASTM E1996-14a
 4. TAS 201-94
 5. TAS 202-94
 6. TAS 203-94
 - ii. Specimen
 1. 74" x 76" OX (envelopes XO)
 - iii. Design Pressure
 1. +/- 60 psf for all specimens
 - b. NAMI Waiver of Retest No. W-2044

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):

- ASTM E283-04
- ASTM E331-09
- ASTM E1886-13a and ASTM E1996-14a
- TAS 201-94
- TAS 202-94 and
- TAS 203-94

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	ASTM E283	04	04(2012)	04(2012)	See EVALUATION CONCLUSION below.
	ASTM E331	09	00(2016)	00(2016)	
	ASTM E1886	13A	13A	13A	
	ASTM E1996	14A	14A	14A	
	TAS 201	94	94	94	
	TAS 202	94	94	94	
	TAS 203	94	94	94	

- All ASTM listed 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.
- All TAS listed performance testing standards used in testing and listed above have been compared to those required in the 8th Edition (2023) Florida Building Code Testing Protocols 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.

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