

PRODUCT EVALUATION REPORT	
Project No.: ACE-2024-119	Report No.: PER-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.

Compliance Method: Product Approval Rule 61G20-3.005(1)(a) – Certification Mark or Listing

Documentation/References:

1. Installation Drawing No. EAS2300, Rev. 0, signed and sealed by Robert J. Amoruso, PE.
 - a. This drawing is in conformance with the 8th Edition (2023) Florida Building Code including the High Velocity Hurricane Zone (HVHZ)
2. 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
3. Calculations in support of installation requirements for EAS2300, signed and sealed by Robert J. Amoruso, PE.
4. Glazing meets the requirements of ASTM E1300-12AE1.

Installation: Fenestration units shall be installed according to installation drawing EAS2300.

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](#).

Limitations & Conditions of Use:

- Shall be used in the configurations and product sizes as indicated in EAS2300.
- This product may be used in the High Velocity Hurricane Zone.
- This product has been tested with impact resistant glazing.
 - The LAMINATED-IGU glazed product has been tested for impact resistance and can be used in wind borne debris regions including the HVHZ without additional impact protective devices.
 - The LAMINATED glazed product has been tested for impact resistance and can be used in wind borne debris regions including the HVHZ without additional impact protective devices.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

**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.

Evaluated by:
Robert J. Amoruso, P.E.
FL P.E. License No. 49752