

PRODUCT EVALUATION REPORT	
Project No.: ACE-2024-119	Report No.: PER-ACE-1104, Rev. 0

Product Description: Series 650 Multi-Slide/Pocket Vinyl Sliding Glass Door, 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. EAS2304, 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. National Certified Testing Laboratories Test Report No. NCTL-201-4092-01A, dated 1/15/18 (Revision) and Associated laboratory drawing, signed and sealed by Douglas J. McDougall, FL P.E. License Number 28392 on 1/15/18. Performance standards used in testing are:
 - a. TAS 201-94
 - b. TAS 202-94
 - c. TAS 203-94
3. ETC Laboratories Report No. ETC-97-264-4091.0, dated 4/21/98, signed and sealed by Joseph L. Doldan, P.E., FL PE No. 42929. Performance standards used in testing are:
 - a. ASTM D635-96, Rate of Burning
 - i. Class C-1
 - b. ASTM D1929-96, Self-Ignition Temperature
 - i. 925° F > 650° F
 - c. ASTM D2843-93, Average Smoke Density Rating
 - i. 43% < 75
 - d. ASTM E84-95b, Flame Spread Index
 - i. 26.2 < 75
 - e. ASTM G26-95 and ASTM D638-96, Tensile Strength (Difference between Exposed & Unexposed)
 - i. 4.98% difference meeting Less than 10% tensile strength difference between G26 exposed and unexposed samples.
4. Calculations in support of installation requirements for EAS2304, signed and sealed by Robert J. Amoruso, PE.
5. Glazing meets the requirements of ASTM E1300-12AE1.

Installation: Fenestration units shall be installed according to installation drawing EAS2304.

Component Certification and Code Conformance:

- Laminated Glazing Interlayer
 - Kuraray America Inc. SentryGlas interlayer code conformance per the current Miami-Dade Notice of Acceptance (NOA) found [here](#).
- PVC Lineal Framing Members:
 - Rigid vinyl approved for HVHZ under AAMA Master File No. 15-0333, White Rigid PVC Exterior Extrusions for Windows and Doors manufactured by Deceunick North America.
 - ETC Laboratories Report No. ETC-97-264-4091.0, dated 4/21/98, signed and sealed by Joseph L. Doldan, P.E., FL PE No. 42929.

Limitations & Conditions of Use:

- Shall be used in the configurations and product sizes as indicated in EAS2304.
- This product may be used in the High Velocity Hurricane Zone.
- This product has been tested with impact resistant glazing.
 - The LAMI-IGU glazed product has been tested for impact resistance and can be used in wind borne debris regions without additional impact protective devices.
- Requires PVC extrusions in accordance with the product testing, EAS2304, and with current listing as an AAMA Certified Profile Licensee under AAMA 303. See note 7.1 on sheet 1 of installation drawing.
- 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.

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