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Engineering Evaluation Report

Report No.: 515268

Manufacturer: Eastern Architectural Systems
10030 Bavaria Rd
FT Myers, FL 33913

Product Line: FWI 1000 Series Aluminum Single Hung Window – Impact

Compliance:

The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03980, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: BT-EAS-23-003 signed and sealed by Michael D Caldwell P.E.
Blackwater Technical Services, Inc, Palm Beach, FL
TAS 201/TAS203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 80.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 80.0 psf design pressure, 12.0psf water penetration.
3. Anchor calculations, report number 515268-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 80.0 psf
- Unit size: 53 1/8" x 78"
- Units must be glazed per ASTM E1300 according with glass details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03980.

Certification of Independence:

Please note that I do not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

