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Engineering Evaluation Report

Report No.: 513168A

Manufacturer: Eastern Architectural Systems
16341 Domestic Ave.
FT Myers, FL 33912

Product Line: Series FWI 2000 Aluminum Impact Picture Window – 144" x 48"

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02395 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL-210-3750-1 signed and sealed by Gerard J. Ferrara P.E.
Fenestration Testing Laboratory, Hialeah, FL
TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4
TAS 202 -94 Uniform Static Air Pressure, ± 90.0 psf design pressure, 25.0psf water penetration.
TAS 203-94 Cyclic Pressure loading ± 90.0 psf design pressure
3. Anchor calculations, report number 513168-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 90.0 psf
- Maximum unit size: 144" x 48"
- Units must be glazed per ASTM E1300-04, see installation instructions for details.
- 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 approval document, 08-02395 Revision A.

Certification of Independence: Please note that I don't 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 don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

