1432 Woodford Rd. Lewisville, NC 27023 434-688-0609

# **Engineering Evaluation Report**

Report No.: 513178B

# Manufacturer: Eastern Architectural System 16341 Domestic Ave. Fort Meyers, FL 33912

Product Line: 176 T Mullion - Impact

## 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 2(b). The product listed herein complies with requirements of the Florida Building Code.

#### Supporting Technical Documentation:

- 1. Approval document: drawing number 08-02425 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Mullion analysis with Anchor calculations, report number 513178-1, per AAMA 450, Option 3, prepared, signed and sealed by Luis Roberto Lomas P.E.

#### Limitations and Conditions of use:

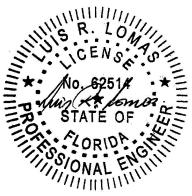
- Maximum design pressure: Refer to charts in approval document
- Maximum single fenestration tributary width: 72"
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions up to wind zone 3.
- Mullion material to be extruded Aluminum 6063-T6.
- Clip material to be extruded Aluminum 6063-T6.
- Fenestration units attached to mullion must have their own separate approval.
- Vertical units may be mulled indefinitely as long as maximum unit size is not exceeded.
- Design pressure of mulled units shall be controlled by the lesser design pressure of the assembly components; the mullion or the individual units.

#### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02425 Revision B.

## 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).



Luis R. Lomas, P.E. FL No.: 62514 01/10/2018