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Engineering Evaluation Report

Report No.: 513179B

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

Product Line: 176 Vertical Cross 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 08-02426 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Mullion analysis with Anchor calculations, report number 513179-1, 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 mullion height: 120"
- Maximum single fenestration 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 08-02426 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).

