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Engineering Evaluation Report

Report No.: 515134

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

Product Line: Series 176 HRP 424 SGP Vinyl Horizontal Sliding Window Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03890, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: BT-EAS-22-001 signed and sealed by Michael D. Caldwell Bortes P.E.
Blackwater Technical Services Inc., West Palm Beach, FL
TAS 201/TAS203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 65.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 65.0 psf design pressure, 9.75psf water penetration.
3. Anchor calculations, report number 515134-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 65.0 psf
- Unit size: 111" x 76"
- Approved configuration: XOX (4-2-4)
- Units must be glazed per ASTM E1300 according to glazing 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 vinyl.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03890.

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).

