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Engineering Evaluation Report

Report No.: 515136A

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

Product Line: Series 176 HR SGP Vinyl Horizontal Sliding Window Impact

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

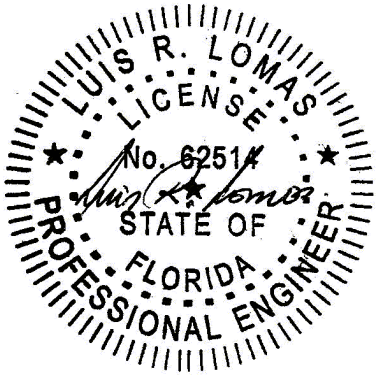
Supporting Technical Documentation:
1. Approval document: drawing number 08-03892, revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: BT-EAS-22-001 signed and sealed by Michael D. Caldwell Bortes P.E.
   Blackwater Technical Services Inc., West Palm Beach, FL
   TAS 201/TAS203 Large Missile Impact Test, Level D, Wind Zone 4
   Cyclic Pressure loading ±65.0psf design pressure
   TAS 202 Uniform Static Air Pressure, ±65.0psf design pressure, 9.75psf water penetration.
3. Anchor calculations, report number 515136-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Design pressure: ±65.0psf
- Unit size: 74” x 76”
- Approved configuration: XO, OX
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing. Glass interlayer complies with the requirements of the Florida Building Code according to Miami-Dade for Kuraray
- 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 rigid PVC from Deceuninck North America AAMA certified (DEP-1).

Installation:
- Units must be installed in accordance with manufacturer’s installation instructions and approval document 08-03892, revision A.
- When the product specified herein is installed within 3000 ft. of a saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).



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