**Engineering Evaluation Report** 

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# 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 ±65.0psf design pressure

Uniform Static Air Pressure, ±65.0psf design pressure, 9.75psf water penetration. TAS 202

3. Anchor calculations, report number 515134-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

# Limitations and Conditions of use:

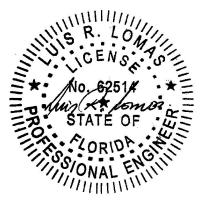
- Design pressure: ±65.0psf .
- Unit size: 111" x 76" •
- Approved configuration: XOX (4-2-4) •
- Units must be glazed per ASTM E1300 according to glazing details in approval drawing. •
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection 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).



Luis R. Lomas, P.E. FL No.: 62514 11/07/2023