**Engineering Evaluation Report** 

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## Report No.: 513308A

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

Product Line: Series 176 SS Vinyl Horizontal Sliding Window – XOX – 1/4 - 1/2 - 1/4

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

## Supporting Technical Documentation:

- 1. Approval document: drawing number 08-02536 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: CTLA 3005W-2A signed and sealed by Ramesh Patel P.E. Certified Testing Laboratories, Orlando, FL. AAMA/WDMA/CSA 101/I.S.2/A440-05/08/11 Design pressure: +50.0/-65.0psf (Through frame installation) +55.0/-60.0psf (Fin installation)
  Water penetration resistance 10.5psf ASTM E1886-05 and ASTM E1996-09 ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4

ASTM E1886/ E1996 Cyclic Load Test, +70.0/-85.0psf (Through frame and fin installation) design pressure

3. Test report No.: CTLA 3005W-2D signed and sealed by Ramesh Patel P.E.

- Certified Testing Laboratories, Orlando, FL TAS 202 Design pressure: +50.0/-65.0psf (Through frame installation) +55.0/-60.0psf (Fin installation) Water penetration resistance 10.5psf TAS 201 and TAS 203 TAS 201/TAS203 Large Missile Impact, Level D, Wind Zone 4
- TAS 201/TAS 203 Cyclic Load Test, +70.0/-85.0psf (Through frame and fin installation) design pressure

4. Anchor calculations, report number 513308-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

## Limitations and Conditions of use:

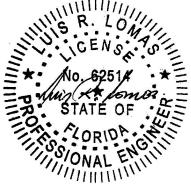
• Maximum design pressure: +50.0/-65.0psf (Through frame installation)

111" X 63"

- +55.0/-60.0psf (Fin installation)
- Maximum unit size:
- Approved Configurations: XOX (1/4 1/2 1/4)
- Units must be glazed per ASTM E1300-04, refer to installation drawing for details.
- 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 approval document, 08-02536 Revision A.

**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 06/23/2015