

*L. Roberto Lomas P.E.*

208 7<sup>th</sup> Ave

Indialantic, FL 32903

434-688-0609

## Engineering Evaluation Report

Report No.: 513471D

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

**Product Line:** Series 623 HVHZ PD W/ Impact Brackets High Pressure Vinyl Equal Leg Frame Sliding Glass Door

**Compliance:**

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

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-02695 revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: CTLA 3006WA signed and sealed by Ramesh C. Patel, P.E.  
Certified Testing Laboratories, Orlando, FL  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design pressure:  $\pm 65.0$ psf  
Water resistance: 9.0psf  
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4  
Cyclic Load Test,  $\pm 70.0$ psf design pressure
3. Test Report No.: CTLA 3006WD signed and sealed by Ramesh C. Patel, P.E.  
Certified Testing Laboratories, Orlando, FL  
TAS 201/TAS203 Large Missile Impact Test, Level D, Wind Zone 4  
Cyclic Pressure loading  $\pm 65.0$ psf design pressure  
TAS 202 Uniform Static Air Pressure,  $\pm 65.0$ psf design pressure, 9.75psf water penetration.
4. Anchor calculations, report number 513471-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Rating:  $\pm 65.0$  psf
- Maximum Size: 49 3/16" x 93 1/2"
- Approved configurations: OXO, OXXO.
- 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 rigid PVC.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02695 Revision C.

**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).

