

*L. Roberto Lomas P.E.*

208 7<sup>th</sup> Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

## Engineering Evaluation Report

Report No.: 515256

**Manufacturer:** Eastern Architectural Systems  
16341 Domestic Avenue  
Ft. Myers, FL 33913

**Product Line:** Series “279.043” Vinyl Horizontal Sliding Window - Impact

### **Compliance:**

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

### **Supporting Technical Documentation:**

1. Approval document: drawing number 08-03975, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: Q1007.02-109-47 signed by Stephen D. Shank  
Intertek, Springdale, PA  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design pressure:  $\pm 55.14$ psf  
Water penetration resistance: 8.36psf
3. Test report No.: Q1008.02-109-47 signed by Stephen Shank  
Intertek, York, PA  
ASTM E1886/E1996  
Large Missile Impact, Level D, Wind Zone 3  
Cyclic Load Test,  $\pm 50.13$ psf design pressure
4. Anchor calculations, report number 515256-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

### **Limitations and Conditions of use:**

- Design pressure:  $\pm 50.0$ psf
- Unit size: 74” x 63”
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is not 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 PVC.

### **Installation:**

Units must be installed in accordance with manufacturer’s installation instructions and approval document 08-03975.

### **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).

