

*L. Roberto Lomas P.E.*

233 W. Main St  
Danville, VA 24541  
434-688 0609  
rlomas@lrlomaspe.com

## Engineering Evaluation Report

Report No.: 510952

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

**Product Line:** Series 2456 Vinyl Impact Fixed Window – 64" x 84"

### **Compliance:**

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Community Affairs 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 08-00563, Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: 68098.03-701-47 signed by Michael L. Mackereth  
Architectural Testing, Inc., York, PA  
AAMA/WDMA/CSA 101/I.S.2/A440-05  
Design pressure: ±80.0psf  
Water penetration resistance 12.0psf
3. Report No.: CTLA-2062W-4 signed and sealed by Ramesh C. Patel P.E.  
Certified Testing Laboratories, Orlando, FL  
ASTM E1886-02 and ASTM E1996-02  
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4  
ASTM E1886/ E1996 Cyclic Load Test, ±50.0psf design pressure
4. Anchor calculations, report number 510952-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

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

- Maximum design pressure: ±50.0psf
- Maximum unit size: 64" x 84"
- Units must be glazed per ASTM E1300-04, see installation instructions for glass options.
- 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 rigid PVC.

**Installation:** Units must be installed in accordance with approval document, 08-00563, Revision C.

**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).

