

L. Roberto Lomas P.E.

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

Engineering Evaluation Report

Report No.: 513739

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

Product Line: Series 2451 Vinyl Fin Frame Single Hung Window – Impact

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 current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02914, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No: CTLA 2062W-8 signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL
ASTM E1886-02 and ASTM E1996-02
ASTM E1886/ E1996 Large Missile Impact Test, Level D, Wind Zone 4
ASTM E1886/ E1996 Cyclic Load Test, ± 50.0 psf. design pressure
3. Test Report No.: ESP009376P-10R signed and sealed by Ramesh Patel, P.E.
Element Materials Technology, Wausau, WI
AAMA/WDMA/CSA 101/I.S.2/A440-05
Design pressure: ± 50.0 psf
Water penetration resistance 7.5psf
4. Anchor calculations, report number 513739-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 50.0 psf
- Maximum unit size: 47 1/2" x 71 1/2"
- Units must be glazed per ASTM E1300-04/09, see installation instructions for details.
- 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 Vinyl.

Installation: Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02914.

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).

