## L. Roberto Lomas P.E.

# **Engineering Evaluation Report**

Report No.: 513926

1432 Woodford Rd. Lewisville, NC 27023 434-688 0609 rllomas@lrlomaspe.com

**Manufacturer:** Eastern Architectural Systems

16341 Domestic Ave. FT Myers, FL 33912

Product Line: Series 176 HRP 4-2-4 Vinyl Horizontal Slider Window Non - Impact 111" x 63"

#### 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 08-03047, prepared, signed and sealed by Luis Roberto Lomas P.E.

2. Test report No.: NCTL 210-4039-05 signed and sealed by Mark Bennett

National Certified Testing Laboratories, Orlando, FL

AAMA/WDMA/CSA 101/I.S.2/A440-08/11

Design pressure: +50.0/-65.0psf (Flange installation)

+55.0/-60.0psf (Fin installation)

Water penetration resistance 10.5psf

3. Anchor calculations, report number 513926-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

#### Limitations and Conditions of use:

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

+55.0/-60.0psf (Fin installation)

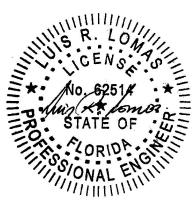
Maximum unit size: 111" X 63"

Approved Configurations: XOX (1/4 – 1/2 – 1/4)

- Units must be glazed per ASTM E1300-04/09.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires 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, 08-03047.

**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 04/05/2017