Engineering Evaluation Report

L. Roberto Lomas P.E. 233 W. Main St Danville, VA 24541 434-688 0609 rllomas@lrlomaspe.com

Report No.: 513042B

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

Product Line: Series 176 PW Fixed Window – 72" x 84" 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:

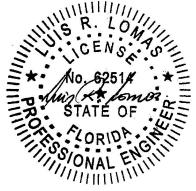
- 1. Approval document: drawing number 08-02293 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Report No.: ESP011976P signed and sealed by Ramesh C. Patel P.E. Element Materials Technology, Wausau, WI AAMA/WDMA/CSA 101/I.S.2/A440-08 Design pressure: ±120.0psf Water penetration resistance 15.0psf ASTM E1886-05 and ASTM E1996-09 ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 ASTM E1886/ E1996 Cyclic Load Test, ±80.0psf design pressure
- Report No.: ESP011976P-2 signed and sealed by Ramesh C. Patel P.E. Element Materials Technology, Wausau, WI AAMA/WDMA/CSA 101/I.S.2/A440-08 Design pressure: ±120.0psf Water penetration resistance 15.0psf ASTM E1886-05 and ASTM E1996-09 ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 ASTM E1886/ E1996 Cyclic Load Test, ±80.0psf design pressure
- Report No: ESP011976P-2D signed and sealed by Ramesh C. Patel P.E. Element Materials Technology, Wausau, WI TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4 TAS 202-94 Uniform Static Air Pressure, ±120.0psf design pressure, water penetration resistance: ±15.0psf TAS 203-94 Cyclic Pressure loading ±80.0psf design pressure.
- Report No: ESP011976P-D signed and sealed by Ramesh C. Patel P.E. Element Materials Technology, Wausau, WI TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4 TAS 202-94 Uniform Static Air Pressure, ±120.0psf design pressure, water penetration resistance: ±15.0psf TAS 203-94 Cyclic Pressure loading ±80.0psf design pressure.
 Anchor calculations, report number 513042-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ±80.0psf
- Maximum unit size: 72" x 84"
- Units must be glazed per ASTM E1300-04, see installation instructions for glass options.
- 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 approval document, 08-02293 Revision B.

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 04/11/2017

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