**Engineering Evaluation Report** 

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# Report No.: 512350B

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

Product Line: Series 623 Vinyl Sliding Glass Door, OXXO 192" X 96" Impact

## 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 9N-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 08-01670 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Report No.: ESP009160P-3 signed and sealed by Ramesh Patel P.E. Element Materials Technology, Wausau, WI AAMA/WDMA/CSA 101/I.S.2/A440 Design pressure: ±50.0psf Water penetration resistance 7.5psf
- Report No.: ESP009160P signed and sealed by Ramesh Patel P.E. Element Materials Technology, Wausau, WI ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, ±50.0psf design pressure
- 4. Anchor calculations, report number 512350-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

## Limitations and Conditions of use:

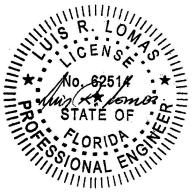
- Maximum design pressure: ±50.0psf
- Maximum unit size: 192" x 96"
- Units must be glazed per ASTM E 1300 see installation instructions for glass details.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be rigid PVC.

#### Installation:

Units must be installed in accordance with approval document, 08-01670 Revision A.

#### 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 10/19/2020