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Engineering Evaluation Report

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.
2. 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: ± 50.0 psf
Water penetration resistance 7.5psf
3. 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, ± 50.0 psf 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: ± 50.0 psf
- 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).

