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Engineering Evaluation Report

Report No.: 514368

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

Product Line: Series 7000 Aluminum Sliding Glass Door - 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 08-03375, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: BT-EMS-17-003 signed and sealed by Robert H Zeiders P.E.
Blackwater Testing, Inc. West Palm Beach, FL.
TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4
TAS 202 -94 Uniform Static Air Pressure, ± 60.0 psf design pressure, 9.0psf water penetration.
TAS 203-94 Cyclic Pressure loading ± 60.0 psf design pressure
3. Anchor calculations, report number 514368-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 60.0 psf
- Panel size: 49 1/4" x 94 1/4"
- Units must be glazed per ASTM E1300-04/09, according to glazing details in approval drawing.
- 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 Aluminum 6063-T6.
- Approved configurations: OX, XO, OXO, XXO, OXX, XXX, XOO, OOX, OXXO, XXXO, OXXX, XXXX, PX, XP, OXP, PXO, PXXXX, XXXXP, PXXXXP, PXXO, OXXP, PXOO, OOXp, PXXXO, OXXXP, PXXX, XXXP, PXXP.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03375.

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).

