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Engineering Evaluation Report

Report No.: 514368A

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

Product Line: Series 7000 Aluminum Sliding Glass Door - Impact

Compliance:

The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03375, revision B, 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/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure, 9.0psf water penetration.
3. Anchor calculations, report number 514368-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 60.0 psf
- Panel size: 49 1/4" x 94 1/4"
- Units must be glazed per ASTM E1300, 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, revision B.

Certification of Independence:

Please note that I do not 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 do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

