

L. Roberto Lomas P.E.

400 S Palm Ave
Indialantic, FL 32903
434-688-0609

Engineering Evaluation Report

Report No.: 513449C

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

Product Line: Series FD8100 Aluminum Sliding Glass Door 2 Track- Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02674, revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: NCTL 210-3407-1A signed and sealed by Gerard J. Ferrara, P.E.
National Certified Testing Laboratories, Orlando, FL
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±90.0psf
Water resistance: With 1.675" Sill Riser = 6.0psf
With 2.675" Sill Riser = 10.45psf
With 3.675" Sill Riser = 15.0psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±90.0psf design pressure
3. Test report No.: NCTL 210-3407-1 signed and sealed by Gerard J. Ferrara, P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ±90.0.0psf design pressure
TAS 202 Uniform Static Air Pressure, ±90.0psf design pressure.
Water resistance: With 1.675" Sill Riser = 6.0psf
With 2.675" Sill Riser = 10.45psf
With 3.675" Sill Riser = 15.0psf
4. 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 ±100.0psf design pressure
5. Anchor calculations, report number 513449-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

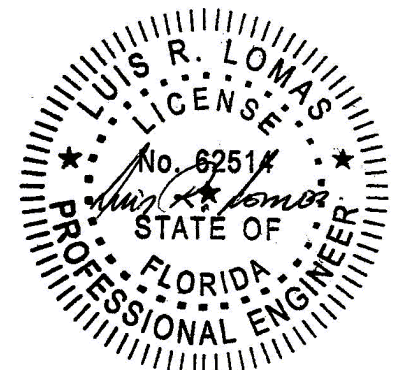
- Maximum design pressure: ±90.0psf
- Maximum panel size: 49 1/2" x 118"
- Units must be glazed per ASTM E1300 according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T6.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02674, 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).



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