

L. Roberto Lomas P.E.

208 7th Ave.

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 514707A

Manufacturer: Lanai Doors
941 North Elm Street, Suite C
Orange, CA 92867

Product Line: Series E3 Hurricane Outswing Aluminum Bi-Fold Door, Non-Impact HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03612, Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: A0896.01-301-18 signed and sealed by Tyler Westerling P.E.
Architectural Testing, Fresno, CA
TAS 202 Uniform Static Air Pressure, +100.0/-80.0psf design pressure, 8.25psf water penetration. (Standard Threshold)
±70.0psf design pressure (Flush Guide Threshold)
3. Test report No.: A0896.02-301-18 signed and sealed by Tyler Westerling P.E.
Architectural Testing, Fresno, CA
TAS 202 Uniform Static Air Pressure, ±70.0psf design pressure (Commercial Flush Guide Threshold)
4. Anchor calculations, report number 514707-1, prepared, signed and sealed by Luis Roberto Lomas P.E.
5. Comparative analysis, report number 514707-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to installation drawing.
- Panel size: 36" x 96"
- Units must be glazed per ASTM E1300, with safety glazing.
- This product is rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03612, Revision A.

When the product specified herein is installed within 3000 ft. of a saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).

