

*L. Roberto Lomas P.E.*

208 7<sup>th</sup> Ave.

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

## Engineering Evaluation Report

**Report No.: 514831A**

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

**Product Line:** E + Aluminum Bi-Fold In-Swing 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 08-03694, Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: K3787.01-301-18-R2 signed and sealed by Tyler Westerling P.E.  
Intertek, Fresno, CA  
TAS 202 Uniform Static Air Pressure,  $\pm 60.0$ psf design pressure, 7.52psf water penetration.
3. Anchor calculations, report number 514831-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure: Refer to installation drawing.
- This system was not tested for water infiltration and must be installed only where water penetration resistance is not required.
- Panel size: 44" x 115 5/8"
- 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 08-03694, 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).

