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Engineering Evaluation Report

Report No.: 514063B

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

Product Line: Thermally Broken Aluminum Bi-Fold Door, Non-Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03150, Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: H3463.01-301-44 signed and sealed by Tyler Westerling, P.E.
Intertek, Fresno CA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: +45.11/-40.10psf
Water penetration resistance 7.52psf
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, +80.0/-100.0psf design pressure. (Standard Threshold)
±70.0psf design pressure (Flush Guide Threshold)
4. Anchor calculations, report number 514063-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to approval drawing.
- Approved configurations: Unlimited number of panels in unlimited configurations are approved as long as individual panel area does not exceed 38.5 ft² and uses vertical conditions as shown in approval drawing.
- Units must be glazed per ASTM E1300, with safety glazing.
- This product is not 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 Extruded Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03150, Revision B.

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).

