

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 515312

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

Product Line: Thermally Broken Aluminum Inswing 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 08-04005, 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: +40.10/-45.11psf
Water penetration resistance 0.0psf
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, +100.0/-80.0psf (Standard Threshold)
±70.0psf (Flush Guide Threshold)
4. Anchor calculations with comparative analysis, report number 515312-1, 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.
- This system was not tested for water penetration resistance and must installed in locations where water penetration resistance is not required.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04005.

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).

