

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 511529A

Manufacturer: **Door Innovations**
 9943 Kemp Forest Drive
 Houston, TX 77080

Product Line: Weathertight Aluminum Clad Wood Outfold Door – Non-Impact

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Community Affairs for Statewide Acceptance per Rule 9B-72.070 method 1(d). The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-00971 Revision A, titled Weathertight Aluminum Clad Wood Outfold Door – Non-Impact, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: ATI 92219.01-801-18-R1 signed by Andy Cost Architectural Testing, Inc., Southlake, TX.
ASTM E330-02 Design pressure: ±35.0psf
Water penetration resistance 0.0psf
3. Anchor calculations, report number 511529-1, prepared, signed and sealed by Luis Roberto Lomas P.E.
4. Comparative Analysis, report number 511529-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ±35.0psf
- Maximum panel size: 36" x 95 1/4"
- Maximum unit height: 99 1/4"
- Approved configurations: Unlimited number of panels is applicable as long as individual panels do not exceed tested panel size.
- Units must be glazed with safety glazing per ASTM E 1300.
- 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.
- Unit was not tested for water infiltration and is to be installed only where the water requirement is not needed.
- Frame material to be Extruded Aluminum 6063-T5 .100" thick.
- Panel material to be Laminated Finger Jointed Pine with .050" Veneer on interior and Extruded Aluminum 6063-T5 Cladding .060" thick on the exterior.

Installation: Units must be installed in accordance with approval document, 08-00971 Revision A.

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).

