

L. Roberto Lomas P.E.

1432 Woodford Rd.
Lewisville, NC 27023
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 513811

Manufacturer: US Aluminum Division of C.R. Laurence Co., Inc.
2503 E. Vernon Ave.
Los Angeles, CA 90058

Product Line: Series D900 Thermally improved aluminum architectural terrace Door

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02966, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: A3326.02-801-18 signed and sealed by Shawn G. Collins, P.E.
Architectural Testing, Inc. Southlake, TX
TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4
TAS 202 -94 Uniform Static Air Pressure, ± 70.0 psf design pressure, 10.5psf water penetration.
TAS 203-94 Cyclic Pressure loading ± 70.0 psf design pressure
3. Anchor calculations, report number 513811-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 65.0 psf
- Maximum frame size: 36" x 117 1/2"
- Approved Configurations: X
- Units must be glazed per ASTM E1300-04/09, see installation instructions for details.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require 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 08-02966.

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).

