

L. Roberto Lomas P.E.

233 W. Main St
Danville, VA 24541
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 512228B

Manufacturer: US Aluminum Inc.
720 Cel-River Road
Rock Hill, SC 29730

Product Line: IG500/IG600 Storm Front OS Aluminum Storefront Door System – Non-Impact

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 Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01579 revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: ATLNC 0724.01-06 signed and sealed by David Johnson P.E.
American Test Lab, Inc., Brevard, NC
TAS 202 -94 Uniform Static Air Pressure, ± 65.0 psf design pressure, 15.0psf water penetration.
AAMA/WDMA/CSA 101/I.S.2/A440-05
Design pressure: ± 65.0 psf
Water penetration resistance 15.0psf
3. Anchor calculations, report number 512228-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 65.0 psf
- Maximum unit size: 77" x 120"
- Units must be glazed per ASTM E 1300-04, see installation instructions for glass details.
- 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 extruded Aluminum 6063-T5.

Installation: Units must be installed in accordance with approval document, 08-01579. Revision B.

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).

