

*L. Roberto Lomas P.E.*

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

## Engineering Evaluation Report

Report No.: 512229A

**Manufacturer:** US Aluminum – Division of C.R. Laurence Co., Inc.  
720 Cel-River Road  
Rock Hill, SC 29730

**Product Line:** IG500/IG600 Storm Front Aluminum Store front – 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 08-01580 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 (with AAMA 501) Uniform Static Air Pressure,  $\pm 65.0$ psf design pressure, 15.0psf water penetration.  
AAMA/WDMA/CSA 101/I.S.2/A440-05  
Design pressure:  $\pm 65.0$ psf  
Water penetration resistance 15.0psf
3. Anchor calculations, report number 512229-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Maximum design pressure:  $\pm 65.0$ psf
- Maximum panel size: 62 1/2" x 101" (Reinforced units)  
62 1/2" x 86 1/2" (Non-reinforced units)
- Units must be glazed per ASTM E1300-04.
- 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, 08-01580. 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).

