

**Roberto Lomas P.E.**

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**Engineering Evaluation Report**

**Report No.: 512231C**

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

**Product Line:** BT601/IT600 Storm Front Aluminum Storefront - 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:**

- Approval document: drawing number 08-01582 revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: ATLNC 1019.01-09 signed and sealed by David Johnson P.E.  
American Test Lab, Inc., Brevard, NC  
TAS 202 -94 (with AAMA 501) Uniform Static Air Pressure, ±65.0psf design pressure, 12.0psf water penetration.  
AAMA/WDMA/CSA 101/I.S.2/A440-05  
Design pressure: ±65.0psf  
Water penetration resistance 12.0psf
- Test report. ATLNC 0727.01-10 signed and sealed by David Johnson P.E.  
American Test Lab, Inc. Brevard, NC  
TAS 202-94 (with AAMA501) Uniform Static Air Pressure.  
AAMA/WDA/CSA 101/1.S.2/A440.05  
Design pressure: ±65psf  
Water penetration resistance: 9.75psf
- I-Strut Testing  
Test report ETC-07-1043-19094.0, signed and sealed by Joseph Labora Doldan P.E.  
ETC Laboratories, Rochester, NY, ASTM D 638  
Tensile strength of unexposed samples 10,390psi  
Tensile strength of 4500 hour Xenon Arc exposed samples 11,004psi  
Test report ETC-08-1043-20974.0 signed and sealed by Joseph Labora Doldan P.E.  
ETC Laboratories, Rochester, NY, ASTM D 1929 Self ignition 740°F  
Test report ATI 61261.01-106-18 signed and sealed by Joseph Reed P.E.  
Architectural Testing Inc. York, PA  
ASTM D635 Rate of burning classification: CC1 (23.9mm/min, .94in/min)  
ASTM D2843 Smoke density rating: 2.1
- Anchor calculations, report number 512231-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

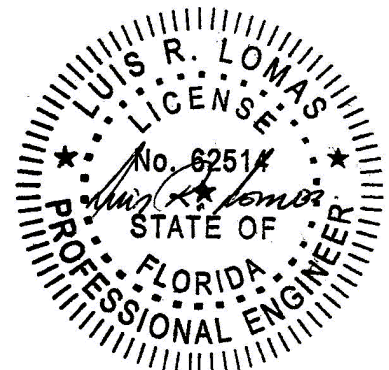
**Limitations and Conditions of use:**

- Maximum design pressure: ±65.0psf
- Maximum panel size: 62 1/2" x 101" (Reinforced unit)  
62 1/2" x 86 1/2" (Non-Reinforced units)
- Units must be glazed per ASTM E1300-04/09.
- 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 manufacturer’s installation instructions and approval document, 08-01582. 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).



Luis R. Lomas, P.E.  
FL No.: 62514  
10/26/2017