

L. Roberto Lomas P.E.

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

## Engineering Evaluation Report

Report No.: 513890

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

**Product Line:** Storm Wall XL SSG Hurricane Resistant Curtain Wall – Wet Glazed – LMI - HVHZ

**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 08-03023, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: A8744.04-801-18 signed and sealed by Tyler Westerling P.E.  
Architectural Testing Inc, Southlake, TX  
Single Span Wall; AAMA 501-05 and ASTM E1886-05 and ASTM E1996-05  
Design pressure:  $\pm 70.0$ psf  
Water penetration resistance 20.0psf  
Large Missile Impact, Level D, Wind Zone 4
3. Test report No.: CCLI-11-238 signed by Jeffrey Crump.  
Construction Consulting Laboratory International, Carrollton, TX  
Twin Span Wall; AAMA 501-05 and ASTM E1886-05 and ASTM E1996-09  
Design pressure:  $\pm 90.0$ psf  
Water penetration resistance 20.0psf  
Large Missile Impact, Level D, Wind Zone 4
4. Test report No.: A8744.01-801-18 signed and sealed by Shawn G. Collins P.E.  
Architectural Testing Inc, Southlake, TX  
Single Span Wall; TAS 201-94, TAS 202 -94 and TAS 203-94  
Design pressure:  $\pm 70.0$ psf  
Water penetration resistance 20.0psf  
Large Missile Impact, Level D, Wind Zone 4
5. Test report No.: CCLI-11-230 signed and sealed by Abdol Rezadad P.E.  
Construction Consulting Laboratory International, Carrollton, TX  
Twin Span Wall; TAS 201-94, TAS 202 -94 and TAS 203-94  
Design pressure:  $\pm 90.0$ psf  
Water penetration resistance 20.0psf  
Large Missile Impact, Level D, Wind Zone 4
6. Comparative analysis, report number 513890-1, prepared, signed and sealed by Luis Roberto Lomas P.E.
7. Anchor calculations, report number 513890-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Maximum design pressure: Refer to approval drawing
- Units must be glazed per ASTM E 1300-04/09, see installation instructions for glass 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 extruded aluminum 6063-T6

**Installation:** Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03023

**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).

