**Engineering Evaluation Report** 

L. Roberto Lomas P.E.

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

## Report No.: 513890A

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:

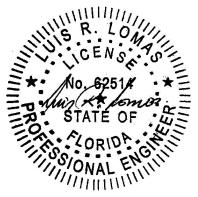
- 1. Approval document: drawing number 08-03023, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: A8744.04-801-18 signed and sealed by Tyler Westerling P.E. Architectural Testing Inc, Southlake, TX Single Span Wall; AAMA 501 and ASTM E1886 and ASTM E1996 Design pressure: ±70.0psf Water penetration resistance 20.0psf Large Missile Impact, Level D, Wind Zone 4
- Test report No.: CCLI-11-238 signed by Jeffrey Crump. Construction Consulting Laboratory International, Carrolton, TX Twin Span Wall; AAMA 501 and ASTM E1886 and ASTM E1996 Design pressure: ±90.0psf Water penetration resistance 20.0psf Large Missile Impact, Level D, Wind Zone 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, TAS 202 and TAS 203 Design pressure: ±70.0psf Water penetration resistance 20.0psf Large Missile Impact, Level D, Wind Zone 4
- Test report No.: CCLI-11-230 signed and sealed by Abdol Rezadad P.E. Construction Consulting Laboratory International, Carrolton, TX Twin Span Wall; TAS 201, TAS 202 and TAS 203 Design pressure: ±90.0psf 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 E1300, according with glazing details in approval drawing.
- 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).



Luis R. Lomas, P.E. FL No.: 62514 09/22/2020