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Engineering Evaluation Report

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.
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 and ASTM E1886 and ASTM E1996
Design pressure: ± 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 and ASTM E1886 and ASTM E1996
Design pressure: ± 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, TAS 202 and TAS 203
Design pressure: ± 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, TAS 202 and TAS 203
Design pressure: ± 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 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).

