Engineering Evaluation Report

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Report No.: 514181

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

Product Line: IW8100 Fixed Window - Large Missile 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 current Florida Building Code.

Supporting Technical Documentation:

- 1. Approval document: drawing number 08-03228, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: I0707.01-303-18 R1 signed and sealed by Tyler Westerling P.E.
- Intertek, Lake Forest, CA TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4 TAS 202 -94 Uniform Static Air Pressure, ±100.0psf design pressure, 15.04psf water penetration. TAS 203-94 Cyclic Pressure loading ±100.0psf design pressure
- 3. Anchor calculations, report number 514181-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

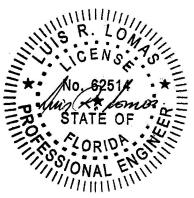
- Maximum design pressure: ±100.0psf
- Unit size: 60" x 90"
- Units must be glazed per ASTM E1300-04/09, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Aluminum 6063-T5

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03228.

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 04/03/2018