L. Roberto Lomas P.E.

Engineering Evaluation Report

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Report No.: 512225F

Manufacturer: US Aluminum 950 Solon Rd. Waxahachie, TX 75165

Product Line: IG500/IG600 Storm Front Aluminum Store front - LMI

Compliance:

The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

- 1. Approval document: drawing number 08-01576, Revision E, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: ATLNC 0724.01-06 signed and sealed by David Johnson P.E. American Test Lab, Inc., Brevard, NC TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4 Cyclic Pressure loading ±65.0psf design pressure
 TAS 202 (with AAMA 501) Uniform Static Air Pressure, ±65.0psf design pressure, 15.0psf water penetration. AAMA/WDMA/CSA 101/I.S.2/A440 Design pressure: ±65.0psf Water penetration resistance 15.0psf ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, ±65.0psf design pressure
- Anchor calculations and comparative analysis, report number 512225-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

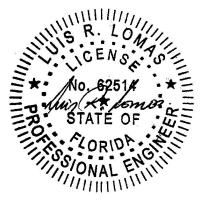
- Design pressure: ±65.0psf
- Panel size: 62 ¹/₂" x 101" (Reinforced units)
 - 62 1/2" x 86 1/2" (Non-Reinforced units)
- Units must be glazed per ASTM E1300, according with glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01576, Revision E.

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 03/23/2023