L. Roberto Lomas P.E.

Engineering Evaluation Report

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Report No.: 514249A

Manufacturer: U.S. Aluminum

950 Solon Rd.

Waxahachie, TX 75165

Product Line: Series IW8000 Single Hung Window 60" x 91" Large Missile Impact

Compliance:

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

Supporting Technical Documentation:

- Approval document: drawing number 08-03276 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: J2604.01-303-18 R0 signed and sealed by Tyler Westerling P.E.

Intertek, Lake Forest, CA.

TAS 201-94 / TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ±80.0psf design pressure

TAS 202 -94 Uniform Static Air Pressure, ±80.2psf design pressure, 12.11psf water penetration.

3. Report No.: J2603.01-303-44 R3 signed by Jarod Hardman.

Intertek, Lake Forest, CA.

AAMA/WDMA/CSA 101/I.S.2/A440-11
Design pressure: ±80.20psf
Water penetration resistance 12.11psf

4. Anchor calculations, report number 514249-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

Design pressure: ±80.0psfUnit size: ±80 x 91"

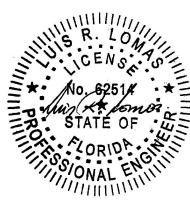
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03276, Revision A.

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 04/11/2023