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Engineering Evaluation Report

Report No.: 514184A

Manufacturer: MI Windows and Doors, LLC
650 West Market Street
Gratz, PA 17030

Product Line: Series 120/130/140 Aluminum Sliding Glass Door Non- Reinforced, Non-Impact

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

Supporting Technical Documentation:

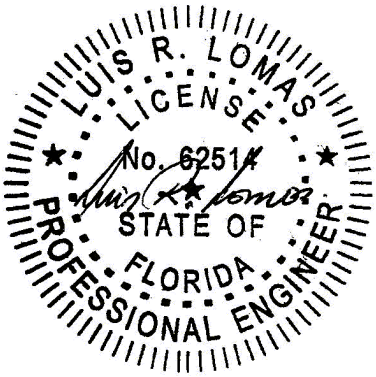
1. Approval documents: drawing numbers 08-03230 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: 1435.02-106-12-R1 signed and sealed by Michael D. Stremmel, P.E.
   Molimo. LLC, York, PA.
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±55.13psf
   Water penetration resistance: 6.90psf (2 5/8" sill extender)
   Water penetration resistance: 9.20psf (3 1/2" sill extender)
3. Anchor calculations, report number 514814-1, prepared, signed and sealed by Luis Roberto Lomas P.E.
4. Comparative analysis, report number 514184-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to approval drawing
- Fixed panel size: 49 5/8" x 117 1/2"
- Operable panel: 48 5/8" x 117 ½"
- Approved configurations: OX, XO, XX, OXXO, PX, XP, PXXP, PIX, XIP, PIXXIP, XIX, OIX, XIO, PIIX, XIIP, XIIX, OIIX, XIIO, PIIIX, XIIIP, OXO
- Units must be glazed per ASTM E1300-04/09 with safety glazing.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be Aluminum 6005-T5.

Installation:
Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03230 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
07/13/2023