

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 514364

Manufacturer: MI Windows and Doors, LLC
650 W. Market St.
Gratz, PA 17030

Product Line: 185 Picture Window - Impact 37" x 78"

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03372, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: I8552.01-109-47 signed by Timothy J. McGill
Intertek, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: +50.13/-63.70psf
Water penetration resistance 9.19psf
3. Report No.: 1711.02-106-12 signed and sealed by Michael D. Stremmel, P.E.
Molimo, LLC, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440-11
Design pressure: +50.13/-63.70psf
Water penetration resistance 9.20psf
4. Report No.: NCTL 1711.06-106-12 signed and sealed by Michael D. Stremmel, P.E.
Molimo, LLC, York, PA.
ASTM E1886-13 and ASTM E1996-14
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
ASTM E1886/ E1996 Cyclic Load Test, +50.13/-63.70psf design pressure
5. Anchor calculations, report number 514364-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: +50.0/-63.0psf
- Unit size: 37" X 78"
- Units must be glazed per ASTM E1300-04/09, according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant 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, 08-03372.

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).

