

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 514845A

Manufacturer: MI Windows & Doors, LLC.
650 West Market Street
Gratz, PA 17030-0370

Product Line: Series 1620 Single Hung Window Impact - 52" x 63"

Compliance:

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

Supporting Technical Documentation:

1. Approval documents: drawing numbers 08-03703 revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: 1919.02-106-12 signed and sealed by Michael D. Stremmel, P.E.
Molimo, LLC, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: +55.14/-63.70psf
Water penetration resistance 7.52psf
AAMA 506
ASTM E1886/ ASTM E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, +55.0/-63.7psf design pressure
3. Anchor calculations, report number 514845-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to installation drawing
- Unit size: 52" x 63"
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions up to wind zone 3.
- Frame material to be Extruded PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval documents 08-03703, revision A.

Certification of Independence:

Please note that I do not 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 do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

