

L. Roberto Lomas P.E.

1432 Woodford Rd.
Lewisville NC, 27023
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 514467B

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

Product Line: Series 1620 PVC Single Hung Window 38"x75" - Impact

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 current Florida Building Code.

Supporting Technical Documentation:

1. Approval documents: drawing numbers 08-03454 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: G1519.03-109-47 signed by Timothy J. McGill
Architectural Testing, Inc. York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Water penetration: 7.52psf
3. Report No.: 1820.05-106-12-R1 signed and sealed by Michael D. Stremmel, P.E.
Molimo, LLC. York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: +60.15/-70.18
ASTM E1886 and ASTM E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, +60.0/-70.0psf design pressure
4. Anchor calculations, report number 514467-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: +50.0/-70.0psf (With water penetration resistance)
+60.0/-70.0psf (Without water penetration resistance)
- Unit size: 38" x 75"
- 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 and does not require impact protection in wind borne debris regions.
- Frame material to be Rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval documents, 08-03454, Revision B.

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).

