

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 510359G

Manufacturer: Reilly Windows & Doors
901 Burman Blvd., Bldg. 701
Calverton, New York 11933

Product Line: Series/Model: French Door In-Swing Wood Single and Double, Impact - HVHZ.

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-00287, Revision G, prepared, signed and sealed by L. Roberto Lomas P.E.
2. Report No.: 54256.01-122-18 signed and sealed by Steven M. Urich P.E.
Architectural Testing, Inc.
TAS 201/TAS 203 Large Missile Impact Test
Cyclic Pressure Loading, ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 design pressure, 9.00 psf Water Infiltration
3. Report No.: 54256.03-122-44 signed and sealed by Michael D. Stremmel P.E.
Architectural Testing, Inc.
ASTM E1886/E 1996 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Load Test, ± 60.0 psf design pressure
4. Report No.: 12-0162-3A Rev. 1 & 12-0162-4F Rev. 1 signed and sealed by Alexis Spyrou P.E.
MT Group Materials Testing Lab, Inc., Farmington, New York
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 75.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 65.0 psf design pressure, 13.5 psf water penetration.
5. Anchor calculations report No. 510359-1 prepared, signed and sealed by L. Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 60.0 psf
- Approved configurations: XX, X
- Maximum size: 71 $\frac{3}{4}$ " x 95 $\frac{7}{8}$ " (Double door)
36 $\frac{1}{2}$ " x 95 $\frac{7}{8}$ " (Single door)
- 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 Mahogany

Installation:

Units must be installed in strict accordance with manufacturer's installation instructions and approval document 08-00287, Revision G.

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).

