

L. Roberto Lomas P.E.

208 7th Ave.

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 515206

Manufacturer: Reilly Window & Door
901 Burman Blvd., Bldg. 701
Calverton, NY 11933

Product Line: RWD29 In-swing Wood French Door, wood in-fill

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03948, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: N2976.01-525-44 signed and sealed by Vinu J. Abraham P.E.
Intertek, Farmingdale, NY
ASTM E1886/ASTM E1996 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 65.0 psf design pressure
ASTM E330 Uniform Static Air Pressure, ± 65.0 psf design pressure, 13.5psf water penetration.
3. Test 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, 13.5psf water penetration.
4. Test report No.: 96977 signed and sealed by Charles L. Anderson P.E.
Intertek MT Group Inc., Farmingdale, NY
TAS 201/TAS203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 55.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure, 9.0psf water penetration.
5. Anchor calculations with comparative analysis, report number 515206-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to installation drawing.
- Unit size: Refer to installation drawing
- Approved configurations: XX, X.
- Units must be glazed per ASTM E1300, see installation instructions for glass details.
- 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 wood, mahogany.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03948.

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).

