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Engineering Evaluation Report

Report No.: 515206A

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. When the product herein is installed within 3000 ft. of saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).

