

**L. Roberto Lomas P.E.**

208 7<sup>th</sup> Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

## Engineering Evaluation Report

**Report No.: 513249E**

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

**Product Line:** Series RWD Wood French Door Out-Swing

**Compliance:**

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

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-02488 Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: MT 12-0162-3A, 3C and 3F signed and sealed by Alexis Spyrou P.E.  
Material Testing Lab, Inc. York, PA  
TAS 201/ TAS 203  
Large Missile Impact Test, Level D, Wind Zone 4  
Cyclic Pressure loading  $\pm 75.0$ psf design pressure  
TAS 202  
Uniform Static Air Pressure,  $\pm 65.0$ psf design pressure, 13.5psf water penetration.
3. Test report No.: 96977 signed and sealed by Charles L. Anderson P.E.  
Intertek MT Group Inc., Farmingdale, NY  
TAS 201/ TAS 203  
Large Missile Impact Test, Level D, Wind Zone 4  
Cyclic Pressure loading  $\pm 55.0$ psf design pressure  
TAS 202  
Uniform Static Air Pressure,  $\pm 60.0$ psf design pressure, 9.0psf water penetration.
4. Anchor calculations with comparative analyses, report number 513249-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure: Refer to installation drawing.
- Unit size: 82 5/16" x 96 1/2"
- Approved configuration: XX, X.
- Units must be glazed per ASTM E1300, see installation instructions for glass details.
- 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 wood, mahogany.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02488 Revision D.

**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).

