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## Engineering Evaluation Report

**Report No.: 513635D**

**Manufacturer:** Reilly Windows & Doors  
901 Burman Blvd Bldg. 701  
Calverton, NY 11933

**Product Line:** RWD35 French In-Swing Door - Impact

**Compliance:**

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

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-02837, Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. 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.
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  $\pm 75.0$ psf design pressure  
TAS 202  
Uniform Static Air Pressure,  $\pm 65.0$ psf design pressure, 13.5psf water penetration.
4. Anchor calculations, report number 513635-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.
5. Comparative analysis, report number 513635-2, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure: Refer to approval document
- Unit size: 120" x 120"
- Panel size: 58 3/4" x 117 5/32"
- Approved configurations: 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 mahogany.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02837, 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).

