

*L. Roberto Lomas P.E.*

208 7<sup>th</sup> Av

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

## Engineering Evaluation Report

**Report No.: 515579**

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

**Product Line:** RWD35 SGD Lift and Slide Door – Impact, wind zone 3

**Compliance:**

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

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-04180, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: 80048 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  $\pm 55.0$ psf design pressure  
TAS 202  
Uniform Static Air Pressure,  $\pm 40.0$ psf design pressure, 9.0psf water penetration.
3. Test report No. (glass B): ESP042665P.6 signed by Brian S. Escherich  
Element Materials Technology, Des Moines, IA  
AAMA/WDMA/CSA 101/I.S.2/A440  
Uniform Static Air Pressure,  $\pm 50.13$ psf design pressure, 7.52psf water penetration.
4. Test report No. (glass B): ESP042665P.8ASTM signed by Brian S. Escherich  
Element Materials Technology, Des Moines, IA  
ASTM E1886/ASTM E1996  
Large Missile Impact Test, Level D, Wind Zone 3  
Cyclic Pressure loading  $\pm 60.0$ psf design pressure
5. Anchor calculations with comparative analysis, report number 515579-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure: Refer to installation details.
- Unit size: Refer to installation details.
- 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 up to wind zone 3.
- Frame material to be mahogany.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04180.

**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).

