

L. Roberto Lomas P.E.

208 7th Ave.

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 515579A

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 ± 55.0 psf design pressure
TAS 202
Uniform Static Air Pressure, ± 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, ± 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 ± 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. 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).

