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Engineering Evaluation Report

Report No.: 515580A

Manufacturer: Reilly Windows & Doors
901 Burman Blvd., Building 701
Calverton, New York 11933

Product Line: RWD40F Flush Sill Slider – Impact up to wind zone 3

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-04181, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: G8481.01-525-18 R0 signed and sealed by Gary Hartman P.E.
Intertek, Farmingdale, NY
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 50.0 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, report number 515580-1, 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, according to glazing details in approval drawing.
- 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 Stainless Steel.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04181. 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).

