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Engineering Evaluation Report

Report No.: 515580

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/TAS03
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.

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).

