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Engineering Evaluation Report

Report No.: 511205G

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

Product Line: Wood Double Hung Window - Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-00690 Revision F, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: ATI 54257.01-122-18 signed and sealed by Michael D. Stremmel, P.E.
Architectural Testing Laboratories, York, PA
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, ± 60.0 psf design pressure, 9.0 psf water penetration.
3. Report No.: ESP038771P.2 signed by Brian S. Escherich
Element Materials Technology, Des Moines, IA, 50313
ASTM E330 (glass D): Design pressure: ± 70.0 psf
ASTM E1886 and ASTM E1996: Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ± 70.0 psf design pressure
4. Anchor calculations, report number 511206A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 60.0 psf
- Maximum unit size: 48" x 96"
- Maximum sash size: 40 5/8" x 47 1/8"
- Units must be glazed per ASTM E1300, see installation instructions for glass details.
- This product is rated to be used in the HVHZ when using glass A.
- When using glass B, this product is qualified up to wind zone 3
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame and sash material to be painted mahogany

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00690, Revision F.

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).

