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Engineering Evaluation Report

Report No.: 511205F

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.

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).

