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Engineering Evaluation Report

Report No.: 513185D

Manufacturer: Reilly Windows & Doors
901 Burman Blvd. Bldg. 701
Calverton, NY 11933

Product Line: RWD Wood Out-swing French Casement, Impact - HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-02430 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: MT 12-0162-1-4 signed and sealed by Alexis Spyrou P.E.
MT Group Material Testing Laboratories, Inc.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 65.0 psf
Water penetration resistance 13.5psf
3. Report No.: MT 12-0162-1-5 signed and sealed by Alexis Spyrou P.E.
MT Group Material Testing Laboratories, Inc.
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 65.0 psf design pressure
4. Test report No.: MT 12-0162-1-6 signed and sealed by Alexis Spyrou P.E.
MT Group Material Testing Laboratories, Inc.
TAS 201 / TAS 203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 75.0 psf design pressure
TAS 202
Uniform Static Air Pressure, ± 65.0 psf design pressure, 13.5psf water penetration.
5. Anchor calculations, report number 513185-1B & -2, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 65.0 psf
- Panel size: 36" x 64 3/8"
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material Mahogany.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02430 Revision B.

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).

