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Engineering Evaluation Report

Report No.: 513185C

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: ±65.0psf
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, ±65.0psf 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 ±75.0psf design pressure
TAS 202
Uniform Static Air Pressure, ±65.0psf 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: ±65.0psf
- 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.

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).

