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Engineering Evaluation Report

Report No.: 515205A

Manufacturer: Reilly Architectural LLC.
901 Burman Blvd, BLDG 701
Calverton, NY 11933

Product Line: RWD40 Bronze Inswing Door - Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03947, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: K4864.01-525-18 signed and sealed by Vinu J. Abraham P.E.
Intertek, Farmingdale, NY
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 40.1 psf. Units with Siegienna multi-point lock
 ± 60.2 psf. Units with Hoppe multi-point lock and shoot bolt
Water penetration resistance: 9.19psf
ASTM E1886/ E1996:
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test: ± 40.0 psf. Units with Siegienna multi-point lock
 ± 60.0 psf. Units with Hoppe multi-point lock and shoot bolt
3. Anchor calculations, report number 515205-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 40.1 psf. Units with Siegienna multi-point lock
 ± 60.2 psf. Units with Hoppe multi-point lock and shoot bolt
- Unit size: 48" x 144"
 - 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.
 - Frame material to be Bronze.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03947. 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 don't 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 don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

