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Engineering Evaluation Report

Report No.: 515205

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 Siegenia 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 Siegenia 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 Siegenia 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.

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).

