

L. Roberto Lomas P.E.

233 W. Main St
Danville, VA 24541
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 512776A

Manufacturer: Door Innovations, Inc.
12 Parkway Place
Houston, TX 77040

Product Line: Weathertight4 Outfold Door – Impact

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Community Affairs for Statewide Acceptance per Rule 9N-3.005 method 1(d). The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02062, Revision A, titled Weathertight4 Outfold Door – Impact, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: B8961.01-801-44 signed and sealed by Andy Cost
Testing Laboratory: Architectural Testing, Inc. Southlake, TX
ASTM E 330-02
Design pressure: ± 55.14 psf
Water penetration resistance 8.35psf
3. Report No.: C4365.01-801-18 signed by Andy Cost
Architectural Testing, Southlake, TX
ASTM E1886-05 and ASTM E1996-05
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
ASTM E1886/ E1996 Cyclic Load Test, ± 55.0 psf design pressure
4. Anchor calculations, report number 512776-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 55.0 psf
- Maximum panel size: 36" x 95"
- Approved configurations: Unlimited Number of panels in unlimited configurations are applicable as long as individual panel size does not exceed maximum panel size and use vertical conditions as shown in approval document.
- Units must be glazed per ASTM E 1300-04, see installation instructions for glass options.
- 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 laminated wood with wood veneer.

Installation: Units must be installed in accordance with approval document, 08-02062, Revision A.

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).

