

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 514734B

Manufacturer: Provia, LLC.
2150 State Route 39 West
Sugar creek, OH 44681

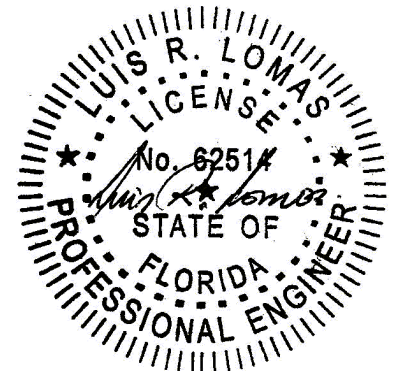
Product Line: Signet Outswing Entry Door System 6'8" - Impact

Compliance:

The product mentioned above has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03624 revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: L0606.01-501-47-R0 signed by Stephen D. Shank.
Intertek, Springdale, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±50.13psf
Water penetration resistance 2.92psf
3. Report No.: L0860.01-501-47-R0 signed by Stephen D. Shank.
Intertek, Springdale, PA.
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ±50.13psf design pressure
4. Report No.: L0763.02-501-47-R0 signed by Stephen D. Shank.
Intertek, Springdale, PA.
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ±50.13psf design pressure
5. Report No.: M2210.01-501-47 R0, signed by Stephen D. Shank
Intertek, Springdale, PA
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ±50.13psf design pressure
6. Report No.: M4360.01-501-47 R0, signed by Stephen D. Shank
Intertek, Springdale, PA
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ±50.13psf design pressure
7. Report No.: M4690.01-501-47 R0, signed by Stephen D. Shank
Intertek, Springdale, PA
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ±50.13psf design pressure
8. Report No.: M4359.01-501-47 R0, signed by Stephen D. Shank
Intertek, Springdale, PA
ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ±50.13psf design pressure
9. Anchor calculations, report number 514734-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
10. Engineering evaluation 514829, prepared, signed and sealed by Luis Roberto Lomas P.E.



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Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 108 3/4" x 80 7/8" (with standard sidelites)
126" x 80 7/8" (with direct set sidelites)
- 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 Painted Wood Pine.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03624, revision B.

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).

