

L. Roberto Lomas P.E.

1432 Woodford Rd.
Lewisville, NC 27023
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 514735B

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

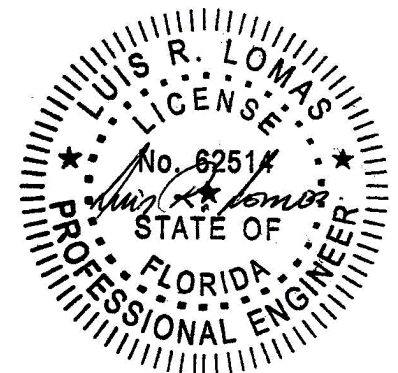
Product Line: Signet Inswing Entry Door System 8'0" - Impact

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 08-03625, revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: L0676.01-501-47-R0 signed by Stephen D. Shank.
Intertek, Springdale, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±50.13psf
Water penetration resistance 0.0psf
3. Report No.: L0763.01-501-47-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 514735-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
10. Engineering evaluation 514829, prepared, signed and sealed by Luis Roberto Lomas P.E.



L. Roberto Lomas P.E.

1432 Woodford Rd.
Lewisville, NC 27023
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 514735B

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 108 3/4" x 97 11/16" (with standard sidelites)
126" x 97 11/16" (with direct 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 08-03625, 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).

