

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 514733E

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

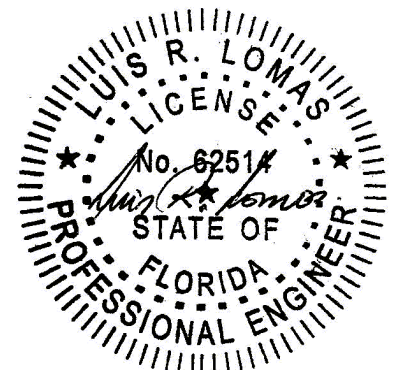
Product Line: Signet Inswing Entry Door System 6'8" - Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03623 Revision E, 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: ± 50.13 psf
Water penetration resistance 0.0psf
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, ± 50.13 psf 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, ± 50.13 psf 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, ± 50.13 psf 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, ± 50.13 psf 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, ± 50.13 psf 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, ± 50.13 psf design pressure
9. Report No.: P3164.01-501-47, signed by Stephen D. Shank
Intertek, Springdale, PA
(For Zeel Trim & ODL Evolve Trim)
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ± 50.13 psf design pressure
10. Test reports: P3162.02-501-47 signed by Stephen D. Shank
Intertek, Pittsburgh, PA
(For PanoLock Multi Point)
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ± 50.13 psf design pressure



11. Test report TEL 01313772 signed by Vivian K. Wright
Testing Evaluation Laboratories, Inc., Plant City, FL
(ODL Keystone Trim)
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ± 60.0 psf design pressure
ASTM E330/ E331 Design pressure: ± 60.0 psf
Water penetration resistance: 9.0psf
12. Test Report No.: 33376.01-109-12 signed and sealed by Joseph Allison
Molimo, LLC, York, PA
ASTM E1886/E1996 Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ± 55.14 psf design pressure
13. Test Report No.: 33377.01-109-12 signed by Joseph Allison
Molimo, LLC., York, PA
ASTM E1886/E1996 Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, ± 55.14 psf design pressure
14. Anchor calculations, report number 514733-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
15. Engineering evaluation 514829, prepared, signed and sealed by Luis Roberto Lomas P.E.
16. Evaluation for Severe Weather Trim with Blind, report number 515240, prepared, signed and sealed by Luis Roberto Lomas P.E.
17. Comparative analysis for ODL Keystone Trim, report number 515429-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 108 3/4" x 81 11/16" (with standard sidelites)
126" x 81 11/16" (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 up to wind zone 3.
- This system was not tested for water infiltration and must be installed only where the water requirement is not needed.
- Frame material to be Painted Wood Pine.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03623, Revision E.

When the product specified herein is installed within 3000 ft. of a 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 do not 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 do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

