L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 511733J

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

Product Line: Signet IS/OS 8'0 Glazed Fiberglass Door W/ and W/out Direct set Sidelites

Compliance:

The above mentioned product 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(a). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

- 1. Approval document: drawing number 08-01162 revision J, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test Report No.: NCTL 110-13337-1 signed by Robert H. Zeiders, P.E. National Certified Testing Laboratories, York, PA. ASTM E330 Design pressure: +48.0/-52.0psf
 - Water penetration resistance: 0.0psf
- Test Report No.: NCTL 110-12522-1, double door w/ Emtek hardware, signed and sealed by Robert H. Zeiders, P.E. National Certified Testing Laboratories, York, PA. ASTM E330

Design pressure: ±51.0psf

- Test Report No.: NCTL 110-11282-1, single door w/ Emtek hardware, signed and sealed by Robert H. Zeiders, P.E. National Certified Testing Laboratories, York, PA. ASTM E330 Design pressure: ±103.3psf
- 5. Test Report No.: NCTL 110-11320-1, single door w/ Trilennium hardware, signed and sealed by Robert H. Zeiders, P.E.

National Certified Testing Laboratories, York, PA. ASTM E330 Design pressure: ±116.6psf

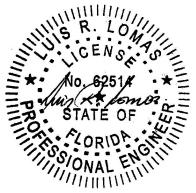
6. Test reports: TEL01680148, TEL01680149 and TEL01680150 signed and sealed by Lyndon F. Schmidt P.E. Testing Evaluation Laboratories, Inc. Plant City, FL.

Fiberglass testing		
ASTM D635	Rate of burning classification:	CC1
ASTM D1929	Self ignition temperature:	778°F
ASTM D2843	Smoke density rating:	60.4
Test Report No. 1.067	76 01-501-17-P0 signed by Stephen	D Sha

- Test 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 2.92psf (Outswing), 0.0 psf (Inswing)
- Test report No.: M4271.01-501-47 signed by Stephen D. Shank Intertek, Springdale, PA ASTM E330 Design pressure: +40.10/-45.11psf (Single point lock)

±50.13psf (Multi-point lock)

- 9. Anchor calculations, report number 511733-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 10. Comparative analysis, report number 511679-2, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 11. Evaluation and comparative analysis for alternate sills, report numbers 514581A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 12. Evaluation and comparative analysis, report number 514394A, prepared, signed and sealed by Luis Roberto Lomas P.E.



Luis R. Lomas, P.E. FL No.: 62514 08/26/2021

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13. Evaluation for additional trims, report number 514783, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

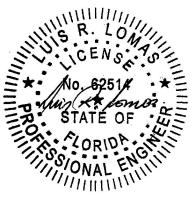
- Design pressure: +48.0/-52.0psf
- This system was not tested for water infiltration and is to be installed only where the water requirement is not needed.
- Approved configurations: OXXO, XX, OXO, OX, XO, X (Inswing and Outswing).
- Units to be glazed per ASTM E1300, with safety glazing.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- This system was not tested for water infiltration and is to be installed only where water penetration resistance is not required.
- Door frame material: Wood G.46 minimum or Framesaver or Fusion Frame.
- Door panel material to be Fiberglass .085" thick with wood top rails and side stiles and composite bottom rails.
- Approved lock hardware:
 - Schlage F-Series door knob with Schlage B-Series or F-Series deadbolt.
 - Emtek Residential Grade door hardware assembly.
 - Trilennium Multi-Point lock handle assembly.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01162, revision J.

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).



Luis R. Lomas, P.E. FL No.: 62514 08/26/2021