

*L. Roberto Lomas P.E.*

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## Engineering Evaluation Report

Report No.: 514736C

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

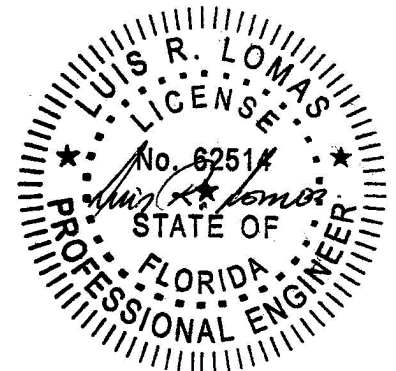
**Product Line:** Signet Outswing Entry Door System 8'0" - Impact

**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 08-03626, revision C, 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:  $\pm 50.13$ psf  
Water penetration resistance 2.92psf
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,  $\pm 50.13$ 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,  $\pm 50.13$ 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,  $\pm 50.13$ 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,  $\pm 50.13$ 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,  $\pm 50.13$ 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,  $\pm 50.13$ psf design pressure
9. Anchor calculations, report number 514736-1A, 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:  $\pm 50.0$ 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 08-03626, revision C.

### **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).

