

**L. Roberto Lomas P.E.**

1432 Woodford Rd.  
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434-688 - 0609  
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**Engineering Evaluation Report**

**Report No.: 512797J**

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

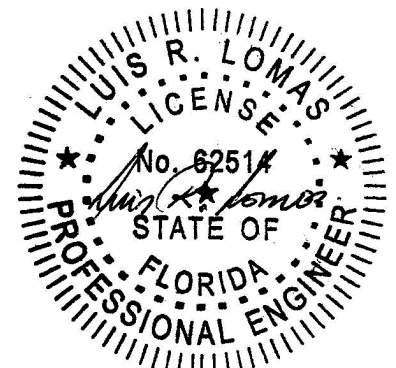
**Product Line:** Steel/Fiberglass Inswing Opaque Single Door W/ Transom Non-Impact

**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 08-02083 revision H, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL 110-15660-1 revision 7 signed and sealed by Robert H Zeiders P.E.  
National Certified Testing Laboratories, York, PA  
ASTM E330  
Design pressure: ±55.0psf
3. Report No.: NCTL 110-15652-3 signed and sealed by Robert H Zeiders P.E.  
National Certified Testing Laboratories, York, PA  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design pressure: ±55.0psf  
Water penetration resistance 8.25psf
4. Test Report No.: 3172703MID-011, signed by Kent Kelsey  
Intertek Testing Services NA Inc., Middleton, WI  
NFPA 252 & UL 10C  
Steel skin door with polyurethane foam core complies with NFPA 252 and UL 10C Positive Pressure Fire Test of Door Assemblies for a 90 minute rating with hose stream.
5. Test Report No.: TEL 03851468, signed by William B. Shelton, P.E.  
Testing Evaluation Laboratories, Inc., Plant City, FL.  
TAS 201 Large Missile Impact Test, Level D, Wind Zone 4  
TAS 202 Uniform Static Air Pressure, ±60.0psf design pressure, 9.0psf water penetration.  
TAS 203 Cyclic Pressure loading ±60.0psf design pressure
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
7. 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)
8. Anchor calculations, report number 512797-1A, prepared, signed and sealed by Luis Roberto Lomas P.E
9. Mullion analysis, report number 512797-2, 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.



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### **Limitations and Conditions of use:**

- Design pressure: ±55.0psf
- Panel size: 35 3/4" x 94 15/16"
- Transom must 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.
- Door frame material: Wood G.46 minimum, or composite, or Framesaver, or Fusion Frame.

### **Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02083 revision H.

### **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).

