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## Engineering Evaluation Report

Report No.: 514953

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

**Product Line:** Fiberglass Patio Door Non-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(a). The product listed herein complies with requirements of the current Florida Building Code.

### **Supporting Technical Documentation:**

1. Approval document: drawing number 08-03785, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: M4271.01-501-47 signed by Stephen D. Shank  
Intertek, Springdale, PA  
ASTM E330  
Design pressure:  $\pm 50.13$ psf
3. Anchor calculations, report number 514953-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

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

- Design pressure:  $\pm 50.0$ psf
- Panel size: 35 3/4" x 94 15/16"
- Approved configurations: X, OX, XO, XX, OXO, XOO, OOX.
- Units 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.
- Frame material: Wood G=46 minimum, Composite, Framesaver or Fusion Frame.
- Door frame material: Wood G.46 minimum or Framesaver or Fusion Frame.
- Door panel and sidelite sash material to be .080" thick fiberglass with wood top rail and composite bottom rails.
- This system was not tested for water infiltration and must be installed only where the water requirement is not needed.
- Approved lock hardware:
  - Schlage F-Series door knob with Schlage B-Series deadbolt.
  - Emtek Residential Grade door hardware assembly.
  - Multi-point lock hardware assembly by Trilennium.

### **Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03785.

### **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).

