

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 511974H

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

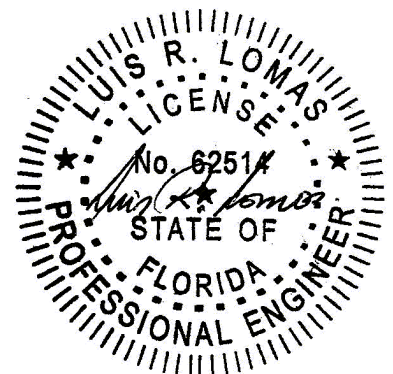
Product Line: 8'0 Heritage Fiberglass Glazed IS/OS Door – Non-Impact

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 Florida Building Code

Supporting Technical Documentation:

- Approval document: drawing number 08-01357, Revision G, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test Reports: NCTL-210-3107-1 signed and sealed by Gerard J. Ferrara, P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 202 ASTM E330
Uniform Static Air Pressure, ±50.0psf design pressure
Water penetration resistance: 2.86psf (IS), 6.0psf (OS).
- Test Reports CTLA-805W, signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL
TAS 202
Design Pressure: 148 1/2" x 96 1/2" OS +55.0/-50.0psf
 148 1/2" x 97 3/4" IS +40.0/-45.0psf
 148 1/2" x 96 1/2" OS +50.0/-47.0psf
 148 1/2" x 96 1/2" OS ±50.0psf
Water penetration resistance 9.00psf
- Test Report No.: TEL 03851468, signed by William B. Shelton, P.E.
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
- 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
- Anchor calculations, report number 511974-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Comparative analysis, report number 511974-2, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Evaluation and comparative analysis for alternate sills, report numbers 514581, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Evaluation and comparative analysis, report number 514394, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Evaluation for additional trims, report number 514783, prepared, signed and sealed by Luis Roberto Lomas P.E.



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Limitations and Conditions of use:

- o Maximum design pressure: See installation instructions.
- o Approved configurations: See installation instructions.
- o Door panel size: 35 3/4" x 95 1/4"
- o Panels to be glazed per ASTM E1300 with safety glazing.
- o This product is not rated to be used in the HVHZ.
- o This product is not impact resistant and requires impact protection in wind borne debris regions.
- o Door frame material: Wood G.46 minimum or Framesaver or Fusion Frame.
- o Door panel material to be Fiberglass with wood side stiles and top and bottom rails.
- o Approved lock hardware:
 - o Schlage F-Series door knob with Schlage F-Series deadbolt.
 - o Schlage F-Series door knob with Schlage B-Series deadbolt.
 - o Emtek Residential Grade door hardware assembly.
 - o Trilennium Multi-Point Lock Handle Assembly.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01357, Revision G.

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).

