

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 511977G

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

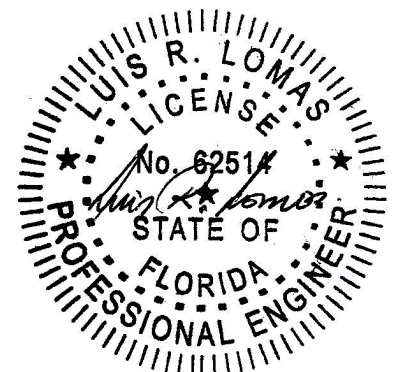
Product Line: 6'8 Heritage Fiberglass Opaque IS/OS Door – Non-Impact

Compliance:

The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01360, Revision F, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report NCTL-210-3358-1 signed and sealed by Gerard J. Ferrara, P.E.
National Certified Testing Laboratories, Orlando, FL.
ASTM E330 Uniform Static Air Pressure, ± 85.0 psf design pressure
Water penetration resistance: 2.86psf (IS), 6.0psf (OS - Low Sill), 8.25psf (OS - High Dam Threshold).
3. Test Report NCTL 210-3314-1A signed and sealed by Gerard J. Ferrara, P.E.
National Certified Testing Laboratories, Orlando, FL.
ASTM E330 Uniform Static Air Pressure, ± 50.0 psf design pressure, ± 55.0 /-50.5psf design pressure (OS – Opaque w/Glazed)
4. Test Report CTLA-772W, signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL.
ASTM E330 Design Pressure: ± 70.0 psf
Water penetration resistance 10.5psf
5. Test Report CTLA-772W-2, signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL.
ASTM E330 Design Pressure: ± 70.0 psf (OS)
 ± 55.0 psf (OS)
 ± 60.0 psf (OS)
 ± 65.0 psf (IS)
Water penetration resistance: 10.00psf
6. Test Report No.: TEL 03851468, signed by William B. Shelton, P.E.
TAS 201/ TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure, 9.0psf water penetration.
7. Test report 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
8. Test Report TEL 01312263 signed and sealed by William B. Shelton, P.E.
Testing Evaluation Lab.
(For ODL Zeel Clip Assembled Frame)
TAS 202 Design Pressure, ± 60.0 psf
9. Test report N8430.01-501-47 signed by Stephen D. Shank
Intertek, Springdale, PA
(For XLE Trim)
ASTM E330 Design pressure, ± 55.14 psf
10. Test report P3503.02-501-47 signed by Stephen D. Shank
Intertek, Pittsburgh, PA
(For PanoLock Multi Point)
ASTM E330 Design pressure, ± 50.13 psf
11. Anchor calculations, report number 511977-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.
12. Comparative analysis, report number 511679-2, prepared, signed and sealed by Luis Roberto Lomas P.E.



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13. Evaluation and comparative analysis for alternate sills, report numbers 514581, prepared, signed and sealed by Luis Roberto Lomas P.E.
14. Evaluation and comparative analysis, report number 514394, prepared, signed and sealed by Luis Roberto Lomas P.E.

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 79 1/4"
- o Sidelite 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.
 - o Panolock multipoint lockset.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01360, Revision F.

Certification of Independence:

Please note that I do not 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 do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

