L. Roberto Lomas P.E.

Engineering Evaluation Report

1432 Woodford Rd Lewisville, NC 27023 434-688-0609 rllomas@lrlomaspe.com

Report No.: 511973H

Manufacturer: Provia, LLC.

2150 State Route 39 West Sugarcreek, OH 44681

Product Line: 6'8 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 08-01356, Revision G, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test Reports: NCTL-210-3108-1 signed and sealed by Gerard J. Ferrara, P.E.

National Certified Testing Laboratories, Orlando, FL

TAS 202 /ASTM E330

Uniform Static Air Pressure, ±60.0psf design pressure

Water penetration resistance: 2.86psf (IS), 6.0psf (OS - Low Sill), 9.0psf (OS - High Dam Threshold).

3. Test Reports CTLA-805W-2, signed and sealed by Ramesh Patel, P.E.

Certified Testing Laboratories, Orlando, FL

TAS 202

Design Pressure: 148 1/2" x 80 1/2" OS +60.0/-55.0psf

148 1/2" x 81 3/4" IS ±52.0psf 148 1/2" x 80 1/2" OS ±55.0psf 148 1/2" x 80 1/2" OS ±60.0psf 105" x 80 1/2" OS +60.0/-55.0

9.00psf

Water penetration resistance

4. 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

5. Test reports: TEL01680148, TEL01680149 and TEL01680150 signed and sealed by Lyndon F. Schmidt P.E.

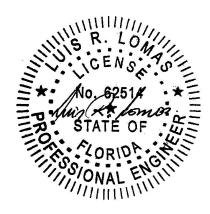
Testing Evaluation Laboratories, Inc. Plant City, FL

Fiberglass testing

ASTM D635 Rate of burning classification: CC1

ASTM D1929 Self ignition temperature: 778°F ASTM D2843 Smoke density rating: 60.4

- 6. Anchor calculations, report number 511973-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 7. Comparative analysis, report number 511679-2, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 8. Evaluation and comparative analysis for alternate sills, report numbers 514581, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 9. Evaluation and comparative analysis, report number 514394, prepared, signed and sealed by Luis Roberto Lomas
- 10. Evaluation for additional trims, report number 514783, prepared, signed and sealed by Luis Roberto Lomas P.E.



L. Roberto Lomas P.E.

Engineering Evaluation Report

1432 Woodford Rd Lewisville, NC 27023 434-688-0609 rllomas@lrlomaspe.com

Report No.: 511973H

Limitations and Conditions of use:

Maximum design pressure:
 Approved configurations:
 See installation instructions.
 See installation instructions.

- Door panel size: 35 3/4" x 79 1/4"
- Panels to 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 Framesaver, or Fusion Frame.
- o Door panel material to be Fiberglass with wood side stiles and top and bottom rails.
- Approved lock hardware:
 - Schlage F-Series door knob with Schlage F-Series deadbolt.
 - 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, 08-01356, 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).

