

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

Product Line: 20GA. Glazed Steel Door IS/OS 3'0 x 6'8 Single – Non-Impact

Compliance:

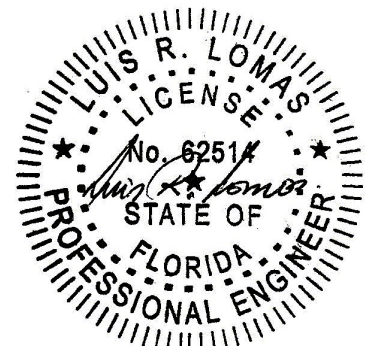
The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01116, Revision F, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: NCTL 110-13258-1 signed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
ASTM E330 Design pressure: ±80.0psf
Water penetration resistance 0.0psf
3. Test Report No.: NCTL 110-11282-1, single door w/ Emtek hardware, signed and sealed by Robert H. Zeiders, P.E. National Certified Testing Laboratories, York, PA.
ASTM E330 Design pressure: ±103.3psf
4. Test Report No.: NCTL 110-11320-1, single door w/ Trilennium hardware, signed and sealed by Robert H. Zeiders, P.E. National Certified Testing Laboratories, York, PA.
ASTM E330 Design pressure: ±116.6psf
5. Test Report No.: TEL 03851482, signed and sealed by William B. Shelton, P.E.
Testing Evaluation Laboratories, Inc. Plant City, FL.
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
 Cyclic Pressure loading ±60.0psf (Outswing), +55.0/-60.0psf (Inswing) design pressure
TAS 202 Uniform Static Air Pressure, ±50.0psf (Outswing), +50.0/-55.0psf (Inswing) design pressure,
 7.50psf water penetration.
6. Test Report No.: 3172703MID-011, signed by Kent Kelsey
Intertek Testing Services NA Inc., Middleton, WI
NFPA 252.
Steel skin door with polyurethane foam core complies with NFPA 252 Positive Pressure Fire Test of Door Assemblies for a 90 minute rating with hose stream.
7. Anchor calculations, report number 511679-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.
8. Comparative analysis, report number 511679-2, prepared, signed and sealed by Luis Roberto Lomas P.E.
9. Evaluation and comparative analysis for alternate sills, report numbers 514581, prepared, signed and sealed by Luis Roberto Lomas P.E.
10. Evaluation and comparative analysis, report number 514394, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ±80.0psf
- This system was not tested for water infiltration and is to be installed only where water requirement is not needed.
- Approved configurations: X (Inswing and Outswing).
- Maximum door panel size: 35 3/4" x 78 15/16"
- Door panel 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.
- Door panel material to be 20GA. (.040" thick minimum) formed steel with .0937" thick fiberglass 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.
 - Emtek Residential Grade door hardware assembly.
 - Trilennium Multi-Point Lock Handle Assembly.



L. Roberto Lomas P.E.

208 7th Ave

Indialantic, FL 32903

434-688-0609

Engineering Evaluation Report

Report No.: 511679H

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01116, Revision F.

When the product specified herein is installed within 3000 ft. of a saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).

