

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

Product Line: Rediflex 18GA. Steel 2-Piece Frame Single Door IS/OS – Non-Impact

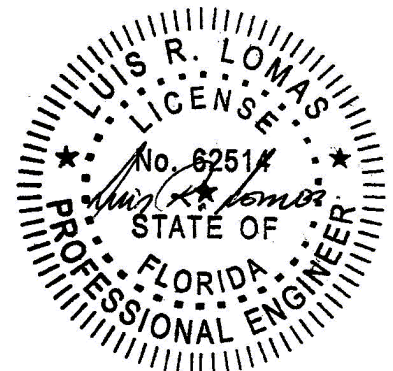
Compliance:

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

Supporting Technical Documentation:

Approval document: drawing number 08-00995 Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.

1. Test Report No. NCTL 110-12799-1, signed and sealed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
TAS 202 Uniform Static Air Pressure, ± 51.0 psf design pressure, 0.0 psf water penetration.
2. Test Report No.: NCTL 110-12799-3, signed and sealed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
ASTM E330 Design pressure: ± 51.0 psf
3. Test Report No. NCTL 210-3102-1 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 202 Uniform Static Air Pressure
design pressure: +75.0psf/-70.0psf (outswing), +70.0psf/-75.0psf (inswing)
water penetration: 10.5psf (outswing) 2.86psf (inswing)
4. Test Report No. NCTL 210-3107-1 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 202 Uniform Static Air Pressure, ± 50.0 psf design pressure, 6.0psf (outswing), 8.25psf (high dam outswing) 2.86psf (inswing) water penetration.
5. Test Report No. NCTL 210-3108-1 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure, 6.0psf (outswing), 9.0psf (high dam outswing) 2.86psf (inswing) water penetration.
6. Test Report No.: NCTL 110-11282-1, Emtek hardware, signed and sealed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
ASTM E330 Design pressure: ± 103.3 psf
7. Test Report No.: NCTL 110-11320-1, Trilennium hardware, signed and sealed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
ASTM E330 Design pressure: ± 116.6 psf
8. 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
9. Test Report No.: 3172703MID-011, signed by Kent Kelsey
Intertek Testing Services NA Inc., Middleton, WI
NFPA 252 & UL 10C
Steel skin door with polyurethane foam core complies with NFPA 252 and UL 10C Positive Pressure Fire Test of Door Assemblies for a 90 minute rating with hose stream.
10. Anchor calculations, report number 511557-1, prepared, signed and sealed by Luis Roberto Lomas P.E.
11. Evaluation and comparative analysis for alternate sills, report numbers 514581, prepared, signed and sealed by Luis Roberto Lomas P.E.
12. Comparative analysis, report number 511557-2, prepared, signed and sealed by Luis Roberto Lomas P.E.



L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 511557F

Limitations and Conditions of use:

- Maximum design pressure: See approval document
- This system was not tested for water infiltration and is to be installed only where the water requirement is not needed.
- Approved configurations: X
- Unit size: 39 1/2" x 98 5/16"
- Door panel size: 35 3/4" x 95 1/4"
- This product is rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Door panel material see approval document
- Units must be glazed per ASTM E1300 with safety glazing.
- Approved lock hardware:
 - Schlage F-Series door knob with Schlage B-Series or F-Series deadbolt.
 - Emtek Residential Grade door hardware assembly.
 - Trilennium Multi-Point lock handle assembly.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-00995 Revision D.

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).

