

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 511591C

Manufacturer: Provia Door, Inc.
2150 State Route 39 West
Sugar creek, OH 44681

Product Line: Fixed Wood Transom 97" x 36" - 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 Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01026 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No. NCTL-110-12756-1, signed and sealed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
TAS 201 Large Missile Impact Test
TAS 202 Uniform Static Air Pressure, ± 65.0 psf design pressure, 9.75psf water penetration.
TAS 203 Cyclic Pressure loading ± 51.0 psf design pressure
3. Test Report No.: NCTL 110-12756-2, signed and sealed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 51.0 psf design pressure
4. Test Report No.: NCTL 110-12756-3, signed and sealed by Robert H. Zeiders, P.E.
National Certified Testing Laboratories, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 65.0 psf
Water penetration resistance 9.75psf
5. Anchor calculations, report number 511591-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 51.0 psf psf
- Unit size: 97" x 36"
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material: Wood with $G=0.46$ minimum specific gravity.
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01026 Revision A.

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).

