# L. Roberto Lomas P.E.

# **Engineering Evaluation Report**

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**Report No.: 511871D** 

Manufacturer: Provia Door, Inc.

2150 State Route 39 West Sugarcreek, OH 44681

Product Line: Reinforced Vinyl Sliding Glass Door – Standard - 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 08-01269 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test Report No.: NCTL-110-13716-1 signed and sealed by Robert H. Zeiders.

National Certified Testing Laboratories, York, PA

AAMA/WDMA/CSA 101/I.S.2/A440

Design pressure: ±55.0psf

Water penetration resistance: 8.25psf

3. Test Report No.: NCTL-110-13715-1 signed and sealed by Robert H. Zeiders.

National Certified Testing Laboratories, York, PA

ASTM E1886/E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±55.0psf design pressure

4. Anchor calculations, report number 511871-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

## Limitations and Conditions of use:

Maximum design pressure: ±55.0psf
 Maximum Size: 96 1/8" x 96"
 Approved configurations: OX and XO

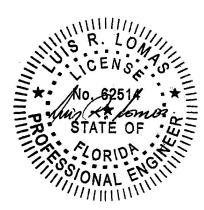
- Units to be glazed per ASTM E1300 according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame and sash material to be rigid PVC.

## Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01269 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).



Luis R. Lomas, P.E. FL No.: 62514 10/13/2020