# L. Roberto Lomas P.E.

# **Engineering Evaluation Report**

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

**Report No.: 514033A** 

Manufacturer: Nan Ya Plastics Corporation USA

8989 North Loop East, Suite 800

Houston, TX 77029

Product Line: Series "SLPS" Outswing Glazed Fiberglass Side-Hinged Patio Door - 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 current Florida Building Code.

# Supporting Technical Documentation:

- 1. Approval document: drawing number 08-03124, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: NCTL-210-4059-01 signed and sealed by Mark Bennett.

National Certified Testing Laboratories, Orlando, FL

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

Design pressure: ±50.0psf Water penetration resistance 7.5psf

CSA A440 S1

ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, ±50.0psf design pressure

3. Anchor calculations, report number 514033-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

#### Limitations and Conditions of use:

Maximum design pressure: ±50.0psf
Maximum panel size: ±50 35 ¾" x 79 ½"

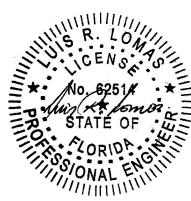
- Approved configurations: OXX/O, O/OXX, XXO/O, O/XXO, XX/O, O/XX, OX/O, O/OX, XO/O, O/XO, X/O, O/X, XX, X
- Units must be glazed per ASTM E1300 see installation instructions for glass details.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be rigid Foam PVC CO-EX.

### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03124.

## 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 10/07/2020