## L. Roberto Lomas P.E.

# **Engineering Evaluation Report**

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**Report No.: 513601A** 

Manufacturer: Nan Ya Plastics Corp. USA

8989 North Loop East Houston, TX 77029

Product Line: Series O/XO Gliding Patio Door Fiberglass Sliding Glass Door with Field Mullion- L.M.I.

#### 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 08-02811, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Report No.: NCTL 210-4001-01 signed by Christopher Bennet.

National Certified Testing Laboratories, Orlando, FL

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

CSA A440S1

Design pressure: ±50.0psf Water penetration resistance 7.5psf

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

3. Anchor calculations, report number 513601-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

#### Limitations and Conditions of use:

Maximum design pressure: ±50.0psf

Maximum unit size: 110 3/8" x 95 1/2"
Approved configurations: OX, XO, O/XO, XO/O

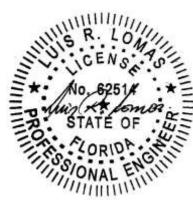
- Units must be glazed per ASTM E1300 according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Co-Extruded PVC Foam.

### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02811.

## 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 10/06/2020