# L. Roberto Lomas P.E.

# **Engineering Evaluation Report**

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Report No.: 512590D

**Manufacturer:** Nan Ya Plastics Corp. USA

8989 North Loop East Houston, TX 77029

Product Line: Series SPLS Gliding Patio Door – 120611 - 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 08-01898, Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Report No.: NTCL-210-3821-5 signed and sealed by Gerard J. Ferrara P.E.

National Certified Testing Laboratories, Orlando, FL.

AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±50.0ps
Water penetration resistance 7.5psf

ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4

Cyclic Load Test, ±50.0psf design pressure

3. Report No.: NCTL 210-4103-05 signed by Christopher Bennett

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

4. Report No.: NCTL 210-4103-07 Rev. 4 signed by Christopher Bennett

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

5. Anchor calculations, report number 512590-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

### Limitations and Conditions of use:

Design pressure: ±50.0psf

• Unit size: 141 1/8" x 82 3/8"

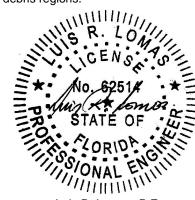
- Units must be glazed per ASTM E1300, according with glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.

#### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01898, Revision C.

#### 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 05/17/2021