**Engineering Evaluation Report** 

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# Report No.: 514027A

## Manufacturer: Nan Ya Plastics Corporation USA 8989 North Loop East, Suite 800 Houston, TX 77029

Product Line: Series "LPS Gliding Patio Door" Glazed Fiberglass SGD w/Sill Riser & Bubble Cover, XXO 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 08-03118, prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: NCTL-210-4058-01 signed by Mark Bennett. National Certified Testing Laboratories, Orlando, FL. AAMA/WDMA/CSA 101/I.S.2/A440 CSA A440S1-09 Design pressure: ±50.0psf Water penetration resistance 6.0psf (with standard sill) 7.5psf (with sill riser) 15.0psf (with sill riser and bubble cover) ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 Cyclic Load Test, ±50.0psf design pressure
- 3. Anchor calculations, report number 514027-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

### Limitations and Conditions of use:

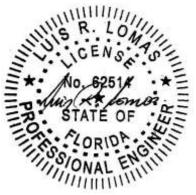
- Design pressure: ±50.0psf
- Unit size: 106" x 82 3/16"
- Approved configurations: XXO, OXX, XX, OX, XO.
- Units must be glazed per ASTM E1300-04/09, see installation instructions for glass details.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Foam PVC CO-EX or composite.

#### Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03118.

#### 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 09/29/2020