L. Roberto Lomas P.E.

Engineering Evaluation Report

208 7th Ave

Indialantic, FL 32903 434-688-0609 rllomas@lrlomaspe.com Report No.: 514292B

Manufacturer: Nan Ya Plastics Corporation U.S.A.

8989 North Loop East Houston, TX 77029

Product Line: Series "Gliding Patio Door" Fiberglass Sliding Door, Non-Impact

Compliance:

The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03307 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.

2. Test report No.: NCTL-210-4103-09 signed by Christopher Bennett

National Certified Testing Laboratories, Orlando, FL

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

3. Report No.: NCTL 210-4112-04 Rev. 4 signed and sealed by Douglas J. McDougall P.E.

National Certified Testing Laboratories, Orlando, FL

TAS 201 / TAS 203

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

TAS 202

Design pressure: ±50.0psf

Water penetration resistance 6.0psf (with soft pvc frame)

7.5psf (with standard frame)

10.5psf (with standard frame and 1/2" sill riser)

4. Test report No.: 2598T0003 signed by Timothy Efaw

PRI Construction Materials Technologies LLC, Tampa, FL.

(For PVC Foam Board)

AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±50.13psf

5. Anchor calculations and comparative analysis, report number 514292-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

Design pressure: ±50.0psf

• Panel size: 35 3/4" x 76 9/16"

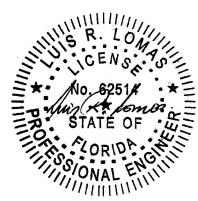
- Units must be glazed per ASTM E1300, with safety glazing.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be rigid PVC CO-Ex.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03307, revision B.

Certification of Independence:

Please note that I do not 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 do not 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 06/19/2024