

L. Roberto Lomas P.E.

208 7th Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

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).

