

L. Roberto Lomas P.E.

1432 Woodford Rd
Lewisville, NC 27023
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

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: ± 50.0 psf
Water penetration resistance 7.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 50.0 psf 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: ± 50.0 psf
- 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).

