

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 512580F

Manufacturer: Nan Ya Plastics Corp. USA
4016 Shadrack St.
Houston, TX 77013

Product Line: Out-Swing Entrance Door (SLPS) with and without Sidelites, Fiberglass Clad

Compliance:

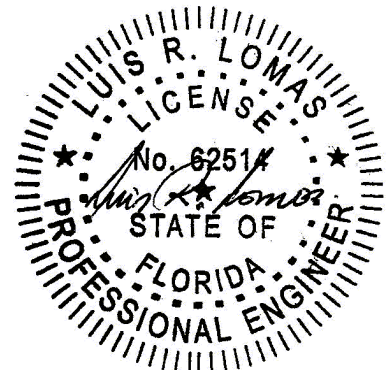
The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01888, Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: FTL 6757 signed and sealed by Marlin D. Brinson P.E.
Fenestration Testing Laboratory, Medley, FL
ANSI/AAMA/NWWDA 101/I.S.2A440
Design pressure: ± 70.0 psf
Water penetration resistance 10.5psf
3. Report No.: FTL 6492 signed by Mr. Manny Sanchez.
Fenestration Testing Laboratory, Medley, FL
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 70.0 psf design pressure
4. Report No.: NCTL-210-4103-07 signed by Mark Bennett (for miniblind glass)
National Certified Testing Laboratories, Orlando, FL
AAMA/WDMA/CSA 101/I.S.2/A440
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
5. Test report No.: NCTL-210-4112-04 signed and sealed by Douglas J. McDougall P.E. (for miniblind glass)
National Certified Testing Laboratories, Orlando, FL.
TAS 201/ TAS 203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 50.0 design pressure
TAS 202
Uniform Static Air Pressure, ± 37.5 design pressure, 6.0psf water penetration (no sill riser)
 ± 50.0 design pressure, 7.5psf water penetration (no sill riser)
 ± 70.0 design pressure, 10.5psf water penetration (no sill riser)
6. Anchor calculations, report number 512580-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 70.0 psf
- Unit size: 145 3/4" x 82 1/2"
- 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.



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Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01888 Revision D.

When the product herein is installed within 3000 ft of saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).

