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Engineering Evaluation Report

Report No.: 514028C

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

Product Line: Series "LPS Gliding Patio Door" Glazed Fiberglass SGD w/Sill Riser & Bubble Cover, XXO Non-Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03119 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-210-4058-01A signed by Mark Bennett.
National Certified Testing Laboratories, Orlando, FL.
AAMA/WDMA/CSA 101/I.S.2/A440
CSA A440S1
Design pressure: ± 50.0 psf
Water penetration resistance 6.0psf (with standard sill)
7.5psf (with sill riser)
15.0psf (with sill riser and bubble cover)
3. 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
4. Report No.: CTLA 1780W-3 signed by Ramesh Patel P.E.
Certified Testing Laboratories, Orlando, FL
ASTM E331 (3" Sill riser)
Water penetration resistance 15.0psf
5. Anchor calculations, report number 514028-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 106" x 82 3/16"
- Approved configurations: XXO, OXX, XX, OX, XO.
- 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 Foam PVC CO-EX or composite.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03119, Revision B.

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).

