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Engineering Evaluation Report

Report No.: 514025A

Manufacturer: Nan Ya Plastics Corporation USA
8989 North Loop East, Suite 800
Houston, TX 77029

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

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:

- Approval document: drawing number 08-03116, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: NCTL-210-4058-02 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 6.0 psf (with standard sill)
 7.5 psf (with sill riser)
 15.0 psf (with sill riser and bubble cover)
ASTM E1886-05 and ASTM E1996-05/09
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
ASTM E1886/ E1996 Cyclic Load Test, ± 50.0 psf design pressure
- Anchor calculations, report number 514025-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: $106" \times 95 \frac{1}{2}"$
- Approved configurations: XXO, OXX, XX, OX, XO.
- Units must be glazed per ASTM E1300, see installation instructions for glass details.
- 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 Foam PVC CO-EX or composite.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03116.

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).

