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## Engineering Evaluation Report

Report No.: 514026A

**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 Non-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:**

1. Approval document: drawing number 08-03117, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-210-4058-02A signed by Mark Bennett.  
National Certified Testing Laboratories, Orlando, FL.  
AAMA/WDMA/CSA 101/I.S.2/A440  
CSA A440S1  
Design pressure:  $\pm 50.0$ 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)
3. Anchor calculations, report number 514026-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

### **Limitations and Conditions of use:**

- Design pressure:  $\pm 50.0$ psf
- Unit size:  $106'' \times 95 \frac{1}{2}''$
- Approved configurations: XXO, OXX, XX, OX, XO.
- Units must be glazed per ASTM E1300-04/09, with safety glass.
- 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 08-03117.

### **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).

