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## Engineering Evaluation Report

Report No.: 513827A

**Manufacturer:** Nan Ya Plastics Corporation  
8989 North Loop East  
Houston, TX 77029

**Product Line:** Series "SLPS" Inswing Glazed Fiberglass Side-Hinged Patio Door - 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 08-02976, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL 210-4020-02 signed by Mark Bennett  
National Certified Testing Laboratories, Orlando, FL  
AAMA/WDMA/CSA 101/I.S.2/A440  
CSA A440S1  
Design pressure: ±60.0psf  
Water penetration resistance 6.0psf  
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4  
Cyclic Load Test, ±60.0psf design pressure
3. Anchor calculations, report number 513827-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Maximum design pressure: +40.0/-60.0psf (where water penetration resistance is required)  
±60.0psf (where water penetration resistance is not required)
- Maximum unit size: 141 ½" x 95 ¼"
- Approved Configurations: O, X, OX, XO, OXX, XXO, O/O/X/O, O/X/OX, O/XO/O, OXX/O, O/XXO.
- 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.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02976.

**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).

