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Engineering Evaluation Report

Report No.: 512849C

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

Product Line: 12080 SLPS Outswing 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 Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02135 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL-210-3798-2 signed and sealed by Gerard Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 70.0 psf
Water penetration resistance 10.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 70.0 psf design pressure
3. Anchor calculations, report number 512849-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 50.0 psf
- Maximum unit size: 143 1/8" x 95 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.

Installation:

Units must be installed in accordance with approval document, 08-02135 Revision B.

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).

