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Engineering Evaluation Report

Report No.: 514405A

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

Product Line: Series "PRBJ" Fiberglass Outswing Folding 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 08-03406, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-4088-01 signed by Christopher Bennett.
National Certified Testing Laboratories, Orlando, FL.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±60.0psf
Water penetration resistance 9.0psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±60.0psf design pressure
3. Anchor calculations, report number 514405-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ±50.0psf
- Panel size: 34 1/2" x 93 5/16"
- 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.
- Frame material to be Foam PVC CO-EX.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03406.

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).

