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Engineering Evaluation Report

Report No.: 512590D

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

Product Line: Series SPLS Gliding Patio Door – 120611 - 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 08-01898, Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NTCL-210-3821-5 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±50.0psf
Water penetration resistance 7.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±50.0psf design pressure
3. Report No.: NCTL 210-4103-05 signed by Christopher Bennett
National Certified Testing Laboratories, Orlando, FL
AAMA/WDMA/CSA 101/I.S.2/A440
CSA A440S1
Design pressure: ±50.0psf
Water penetration resistance 7.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±50.0psf design pressure
4. Report No.: NCTL 210-4103-07 Rev. 4 signed by Christopher Bennett
AAMA/WDMA/CSA 101/I.S.2/A440
CSA A440S1
Design pressure: ±50.0psf
Water penetration resistance 7.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±50.0psf design pressure
5. Anchor calculations, report number 512590-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ±50.0psf
- Unit size: 141 1/8" x 82 3/8"
- Units must be glazed per ASTM E1300, according with 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 manufacturer's installation instructions and approval document, 08-01898, Revision C.

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).

