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Engineering Evaluation Report

Report No.: 514732A

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

Product Line: Series SPLS Gliding Patio Door with 3/4 Lite Panels – 120611 - Impact

Compliance:

The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03622 Revision A, 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: ± 50.0 psf
Water penetration resistance 7.5psf
ASTM E1886/E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test ± 50.0 psf design pressure.
3. Report No.: NCTL-210-4103-07 signed by Mark Bennett (for miniblind glass)
National Certified Testing Laboratories, Orlando, FL.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 50.0 psf
Water penetration resistance 7.5psf
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 50.0 psf design pressure
4. Test report No.: NCTL-210-4112-04 signed and sealed by Douglas J. McDougall P.E. (for miniblind glass)
National Certified Testing Laboratories, Orlando, FL.
TAS 201/ TAS 203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 50.0 design pressure
TAS 202
Uniform Static Air Pressure, ± 37.5 design pressure, 6.0psf water penetration (no sill riser)
 ± 50.0 design pressure, 7.5psf water penetration (no sill riser)
 ± 70.0 design pressure, 10.5psf water penetration (no sill riser)
5. Anchor calculations, report number 514732-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 141 1/8" x 82 3/8"
- 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 manufacturer's installation instructions and approval document, 08-03622, Revision A.

Certification of Independence:

Please note that I do not 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 do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

