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Engineering Evaluation Report

Report No.: 514310E

Manufacturer: Nan Ya Plastics Corporation U.S.A.
8989 North Loop East
Houston, TX 77029

Product Line: SLPS Patio Door Lite 6'11" Out-Swing Large Missile Impact - HVHZ

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03324 Revision E, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: NCTL 210-4112-03 signed and sealed by Douglas J. McDougall, P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 202 Design pressure: ± 60.0 psf
Water penetration resistance: 6.0psf (with soft pvc frame)
7.5psf (with standard frame)
10.5psf (with standard frame and 1/2" sill riser)
TAS 201 & TAS 203 Large Missile Impact, Level D, Wind Zone 4, Cyclic design pressure loading ± 60.0 psf.
3. Report No.: NCTL 210-4112-04 Rev. 4 signed and sealed by Douglas J. McDougall P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 202 Design pressure: ± 50.0 psf
Water penetration resistance 6.0psf (with soft pvc frame)
7.5psf (with standard frame)
10.5psf (with standard frame and 1/2" sill riser)
TAS 201 & TAS 203 Large Missile Impact, Level D, Wind Zone 4, Cyclic design pressure loading ± 50.0 psf.
4. Test report No.: CTLA 2019W signed and sealed by Ramesh Patel P.E.
Certified Testing Laboratories, Orlando, FL
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4, Cyclic design pressure loading ± 70.0 psf.
TAS 202 Uniform Static Air Pressure, ± 70.0 psf design pressure, 10.5psf water penetration.
5. Test report No.: NCTL 210-3893-2 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4, Cyclic design pressure loading ± 50.0 psf.
TAS 202 Uniform Static Air Pressure, ± 50.0 psf design pressure, 7.5psf water penetration.
6. Anchor calculations, report number 514310-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to approval drawing
- Panel size: 35 3/4" x 79 1/4"
- Approved configurations: X, X/O, O/X, OX, XO, OX/O, XO/O, XX, XX/O, O/XX, OOX, O/OX, OO/X, OXX, XXO, OXX/O, O/XXO.
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is 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 Composite.

Installation: Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03324 Revision E.

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).

