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Engineering Evaluation Report

Report No.: 514387C

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

Product Line: Series "SPLS" Fiberglass Glazed Sliding Glass Door 8'0 - Impact

Compliance:
The product mentioned above 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 08-03388 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-4103-01 signed and sealed by Douglas J. McDougall P.E.
   National Certified Testing Laboratories, Orlando, FL
   TAS 201 Large Missile Impact Test, Level D, Wind Zone 4
   TAS 2024 Uniform Static Air Pressure, ±50.0psf design pressure, 7.5psf water penetration.
   TAS 203 Cyclic Pressure loading ±50.0psf design pressure
3. Report No.: NCTL 210-4103-01A signed by Mark Bennett
   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
4. Test report ETC-05-255-16776.1 signed and sealed by Joseph Labora Doldan P.E.
   ETC Laboratories, Rochester, NY
   Fiberglass testing

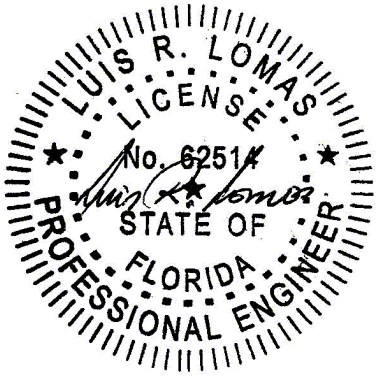
ASTM D2843	Smoke density	52.1%
ASTM D635	Rate of burning	C1
ASTM D1929	Self ignition temperature	1060 °F
ASTM D638	Tensile strength unexposed	11,860 psi
	Tensile strength Xenon arc exposed	11,063 psi

5. Test report ETC-05-255-16777.1 signed and sealed by Joseph Labora Doldan P.E.
   ETC Laboratories, Rochester, NY
   Cellular PVC testing

ASTM D2843	Smoke density	49.6%
ASTM D635	Rate of burning	C1
ASTM D1929	Self ignition temperature	950 °F
ASTM D638	Tensile strength unexposed	6,019 psi
	Tensile strength Xenon arc exposed	6,014 psi

6. Test report ETC-05-255-17144-7 signed and sealed by Joseph Labora Doldan P.E.
   ETC Laboratories, Rochester, NY
   Rigid PVC testing

ASTM D2843	Smoke density	37.4%
ASTM D635	Rate of burning	C1
ASTM D1929	Self ignition temperature	900 °F
ASTM D638	Tensile strength unexposed	6,140 psi
	Tensile strength Xenon arc exposed	6,053 psi



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7. 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
8. 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
9. Anchor calculations, report number 514387-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

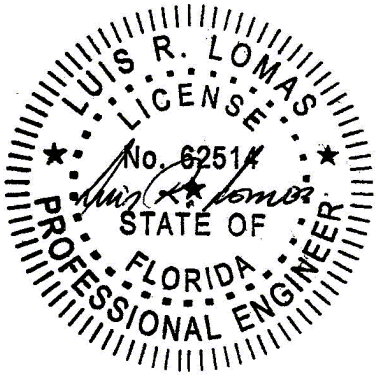
- Design pressure: ±50.0psf
- Panel size: 35 3/4" x 92 3/8"
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Foam PVC CO-EX.
- Panel skin to be .095" fiberglass.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03388, Revision A.

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).



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