

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

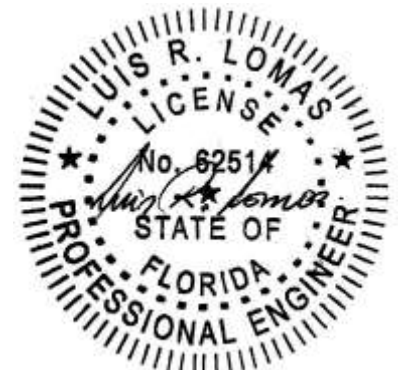
Product Line: Fiberglass Skin Glazed Double Entry Door w/ & w/o Sidelites – 8'0 Distinction IS Impact

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:

- Approval document: drawing number 08-00977, Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Test report No.: CTLA 1908W signed and sealed by Ramesh Patel P.E.
Certified Testing Laboratories, Orlando, FL
TAS 201 Large Missile Impact Test, Level D, Wind Zone 4
TAS 202 Uniform Static Air Pressure, ± 47.5 psf design pressure, 2.86psf water penetration.
TAS 203 Cyclic Pressure loading ± 50.0 psf design pressure
- 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
- 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
- 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
- Anchor calculations, report number 511538-1, prepared, signed and sealed by Luis Roberto Lomas P.E.



L. Roberto Lomas P.E.

1432 Woodford Rd.

Lewisville, NC 27023

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 511538C

Limitations and Conditions of use:

- Maximum design pressure: ± 47.5 psf (where water penetration resistance is not required)
 $+19.0/-47.5$ psf (where water penetration resistance is required)
- Maximum unit size: 106" x 98"
- 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 rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00977, 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).

