

**Manufacturer:** Nan Ya Plastics Corporation  
8989 North Loop East  
Houston, TX 77029

**Product Line:** Fiberglass Skin Opaque 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.

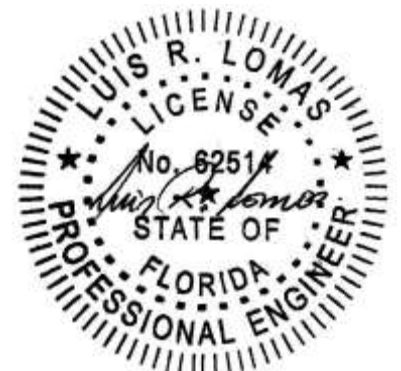
**Supporting Technical Documentation:**

1. Approval document: drawing number 08-00978 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. 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,  $\pm 47.5$ psf design pressure, 2.86psf water penetration.  
TAS 203 Cyclic Pressure loading  $\pm 50.0$ psf design pressure.
3. 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
4. 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
5. 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
6. Anchor calculations, report number 511539A, prepared, signed and sealed by Luis Roberto Lomas P.E.



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## Engineering Evaluation Report

Report No.: 511539D

### **Limitations and Conditions of use:**

- Maximum design pressure: +19.0/-47.5psf (where water penetration resistance is required)  
±47.5psf (where water penetration resistance is not 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.

### **Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00978 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).

