

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION
DR-652

Effective Date: November 1, 2013
Reevaluation Date: **March 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Series SRS Fiberglass Gliding Patio Doors with Field Mullion with Sidelite, Impact Resistant, manufactured by

Nan Ya Plastics Corporation USA / Neuma Doors
8989 North Loop East
Houston, Texas 77029
Telephone: (713) 674-7822

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|---------------------------------------|------------------------|
| 1 | Series SRS Fiberglass Gliding Patio Doors with Field Mullion with Sidelite | R-PG50 146 x 96-SD Missile Level D | +50/-50 psf |

Product Dimensions:

| System | Overall Size | Active/Passive Door Panel Size | Sidelite Size | Glass Daylight Opening Size |
|--------|-------------------|--------------------------------|-----------------------|-----------------------------|
| 1 | 145.375" x 95.50" | Two: 47.75" x 92.375" | One: 49.50" x 92.375" | 37.00" x 79.00" |

Product Identification (Certification Agency Label on Door):

| System | Certification Agency | NAMI |
|--------|----------------------------------|--|
| 1 | Manufacturer's Name or Code Name | Nan Ya Plastics USA |
| | Product Name | SRS Gliding Fiberglass Patio Door w/Field Mullion w/ or w/o Sidelites |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-02/04/05; ASTM E 1996-04/06/09; Missile Level D; Wind Zone 4 |

Impact Resistance:

| Impact Resistant | Requirement |
|------------------|--|
| Yes | These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded. |

Qualified Configurations: O / X / OX / XO / OXO. Sidelites may be installed without doors.

Installation:

Design Drawings: The doors shall be installed in accordance with Drawing No. 08-01541, titled "Series SRS Gliding Patio Door w/Field Mullion Fiberglass Sliding Door w/Sidelite," sheets 1 through 5 of 5, dated May 14, 2012, signed and sealed by Luis R. Lomas., P.E on May 16, 2012. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The doors may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 3,192 psi)
- Hollow concrete block; ASTM C-90, Grade N, Type 1 (or greater)
- Wood dimension lumber (minimum Spruce-Pine-Fir)

Installation:

- Refer to Sheet 1 of 5 of the approved drawings for the elevation and notes.
- Refer to Sheet 2 of 5 of the approved drawings for the anchor layout and notes.
- Refer to Sheets 4 of 5, and 5 of 5 of the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.