

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION DR-134

Effective November 1, 2005  
Revised May 1, 2006

*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 shall be subject to reevaluation 3 years after the effective date.*

*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.*

**Neuma Gliding French Patio Door, Non-Impact Resistant, manufactured by**

**Nan-Ya Plastics Corporation USA  
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Houston, TX 77029  
(713) 674-7822**

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

## PRODUCT DESCRIPTION

The Gliding French Door is a vinyl sliding glass door, with operating panels that slide past the fixed panels on the interior side and latch together at the center with a two-point locking system. The sliding glass doors evaluated in this report are non-impact resistant. This evaluation report includes the following configuration: OXXO.

**Overall Dimensions:** 11'-9" wide x 6'-11" high x 5  $\frac{3}{4}$ " deep

**Panel Descriptions:** Fixed and operating panels are 36" wide x 79" high x 1  $\frac{3}{4}$ " deep

**Frame and Panel Construction:** The frame members consist of foam core PVC. The frame members are coped and butted, and the corners are secured with #8 x 2  $\frac{1}{2}$ " long drywall screws, two driven from the head into the jambs, and two driven from the jamb into the head. The panel members are constructed of foam core PVC internal rails, with wood and foam core stiles. The frame corners are of molded construction, and the panel members have fiberglass cladding on the interior and exterior.

**Glazing:** Applies to the operable and fixed panels.

**Glazing Material (Non-Impact Resistant):** All panels are glazed with  $\frac{5}{8}$ " thick insulating glass consisting of two pieces of  $\frac{1}{8}$ " thick tempered glass separated by a 0.335" wide x 0.321" high stainless steel box spacer system.

**Glazing Method:**

Each panel is glazed with structural silicone back bedding compound at the exterior heel of glass around the perimeter. A rigid PVC snap-in glazing bead is provided at the interior of the glass.

**Reinforcement:** None.

**Product Identification:** A label will be affixed to the sliding glass door units. The label shall include the manufacturer's name, performance characteristics, and approved inspection agency to indicate compliance with AAMA/NWWDA 101/I.S.2 (SGD-R50 141 x 83 (11'-9" x 6'-11")).

### LIMITATIONS

Product Designation	Configuration	Maximum Overall Width <sup>1</sup> (in.)	Maximum Overall Height <sup>1</sup> (in.)	Design Pressures (psf)
SGD-R50	OXXO	141	83	±50

<sup>1</sup>The active and inactive panels are limited to the width and height indicated in the product description, panel descriptions section of this report.

**Impact Resistance:** Door assemblies constructed with non-impact resistant glazing do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These door assemblies will need to be protected with an impact protective system.

**Acceptance of Smaller Assemblies:** Door assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

### INSTALLATION INSTRUCTIONS

**General:** The door assembly shall be installed in accordance with the manufacturer's installation instructions and this product evaluation report. The wood-framing members shall be a minimum Southern Yellow Pine (G≥0.55) lumber.

The door assembly shall be fastened through the frame into the wood framing members with a minimum of (28) #10 x 2 ½" long drywall screws. The fasteners shall be located 6" from each end, and spaced a maximum of 16" o.c. along the head and sill, and 17" o.c. along the left and right jambs.

In addition, a minimum of (32) #6 x 1" long drywall screws shall be located a maximum of 7" o.c. in the nailing fin along the head and both jambs. The perimeter of the frame shall be sealed with silicone sealant.

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