

Product Evaluation

DR686 | 1121

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at 1-800-248-6032.

Evaluation ID: DR-686**Effective Date:** November 1, 2021**Re-evaluation Date:** April 2023**Product Name:** Vinyl Sliding Glass Patio Doors, Frame Installation, Non-Impact Resistant**Manufacturer:** Nan Ya Plastics Corporation USA

8989 North Loop East

Houston, Texas 77029

(713) 674-7822

General Description:

System	Description	Label Rating	Design Pressure Rating
1	"Masterpiece Series Gliding Patio Door" Vinyl Sliding Glass Doors	R-PG45 71 x 80-SD	+45 / -45 psf
2	Series "Gliding Two Panel Patio Door" Vinyl Sliding Glass Door	R-PG50 72 x 80-SD	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	71.25" x 79.50"	35.75" x 76.625"	26.25" x 66"
2	71.375" x 79.50"	35.75" x 76.625"	26.25" x 66.125"

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Nan Ya Plastics USA
	Product name	Masterpiece Gliding Glass Patio Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification agency	NAMI
	Manufacturer's name or code name	Nan Ya Plastics USA
	Product name	Gliding 2 Panel Patio PVC Sliding Glass Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1	Type of installation	Install in accordance with Nan Ya Plastics Corp. USA drawing 08-02196 dated August 1, 2013. Revision A dated September 29, 2021. Signed and sealed by Luis R. Lomas, P.E. on September 29, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
2	Type of installation	Install in accordance with Nan Ya Plastics Corp. USA drawing 08-01100 dated August 24, 2010, Revision B dated September 29, 2021. Signed and sealed by Luis R. Lomas, P.E. on September 29, 2021
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.