

Product Evaluation

DR1039 | 0322

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 800-248-6032.

Evaluation ID: DR-1039

Effective Date: March 1, 2022

Re-evaluation Date: March 2026

Product Name: 6'11" Glazed Fiberglass Outswing Side Hinged Patio Doors, Singles, Non-Impact Resistant

Manufacturer: Nan Ya Plastics Corporation USA
8989 North Loop East
Houston, TX 77029
713) 674-7822

General Description:

System	Description	Label Rating	Design Pressure Rating
1	6'11" Glazed Fiberglass Outswing Hinged Patio Doors; X	R-PG50 (37 x 81)-SHD	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	37-3/8" x 81-3/16"	35-3/4" x 79-1/4"	15-3/4" x 38"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	4" Hinge	3	Install hardware in accordance with drawing No. 08-03312, dated September 27, 2018. Revision A dated December 23, 2021. Signed and sealed by Luis R. Lomas, P.E. on February 14, 2022.
	Jam Yuan Enterprises Co., LTD Deadbolt Keeper	1	
	Jam Yuan Enterprises Co., LTD Door Deadbolt	1	
	Jam Yuan Enterprises Co., LTD Door Latch	1	
	Jam Yuan Enterprises Co., LTD Door Latch Keeper	1	

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Nan Ya Plastics USA
	Product name	Non-Impact Glazed Fiberglass Outswing Side Hinged Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

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

Installation:

System		
1	Type of installation	Install in accordance with drawing No. 08-03312, dated September 27, 2018. Revision A dated December 23, 2021. Signed and sealed by Luis R. Lomas, P.E. on February 14, 2022.
	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.