

Product Evaluation

DR1105 | 0521

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-1105

Effective Date: May 1, 2021

Re-evaluation Date: May 2025

Product Name: Series "PRBJ" Fiberglass Outswing Folding Door, 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	Series "PRBJ" Fiberglass Outswing Folding Door (XXXX)	R-PG50 (140 x 98)-SP	+50 / -50 psf
2	Series "PRBJ" Fiberglass Outswing Folding Door (XXXX)	R-PG60 (140 x 98)-SP	+60 / -60 psf

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1-2	140-7/16" x 97-3/4"	34-1/2" x 93-5/16" (4)	25" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-2	Hinges	4 per panel	Install hardware in accordance with Nan Ya Plastics USA drawings No. 08-03415, dated April 10, 2019, and 08-03237, dated April 10, 2018. Revision A dated March 9, 2021. Signed and sealed by Luis R. Lomas, P.E. on April 21, 2021.
	Jam Yuan Enterprises Co., LTD Flush Bolt System	1	
	Jam Yuan Enterprises Co., LTD Multi-Point Locking System	1	
	Jam Yuan Enterprises Co., LTD Drive Bar Plate	1	
	Jam Yuan Enterprises Co., LTD Top/Bottom Bar Keeper	1	
	Jam Yuan Enterprises Co., LTD Slab Multi-Point Lock Keeper	1	
	Jam Yuan Enterprises Co., LTD Top/Bottom Bar System	1	
	Jiuh-Chuan Locks Co., LTD Hook Keeper	1	

Product Identification (Certification Agency Label on Door):

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

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

Impact Resistance:

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

Installation:

System		
1-2	Type of installation	Install in accordance to Nan Ya Plastics USA drawings No. 08-03415, dated April 10, 2019, and 08-03237, dated April 10, 2018. Revision A dated March 9, 2021. Signed and sealed by Luis R. Lomas, P.E. on April 21, 2021.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	

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.