

Product Evaluation

DR1076 | 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-1076

Effective Date: May 1, 2021

Re-evaluation Date: May 2025

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

Product Dimensions:

System	Overall Size	Panel Size	Panel 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	Install hardware in accordance with drawings No. 08-03414, dated April 10, 2019, and Drawing No. 08-03236, dated April 10, 2018. Revision A dated February 11, 2021. Signed and sealed by Luis R. Lomas, P.E. on April 1, 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 Top/Bottom Bar System	1	
	Jam Yuan Enterprises Co., LTD Slab Multi-Point Lock Keeper	1	
	Jam Yuan Enterprises Co., LTD Drive Bar Plate	1	
	Jiuh-Chuan Locks Co., LTD Top/Bottom Bar Keeper	1	
	Jiuh-Chuan Locks Co., LTD Hook 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	PRBJ Fiberglass Outswing Folding Door (XXXX)
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-05,09 Missile Level D
2	Certification agency	NAMI
	Manufacturer's name or code name	Nan Ya Plastics USA
	Product name	PRBJ Fiberglass Impact Rated Outswing Folding Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-05,09 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

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

Installation:

System		
1	Type of installation	Install in accordance with drawing No. 08-03414, dated April 10, 2019. Revision A dated February 11, 2021. Signed and sealed by Luis R. Lomas, P.E. on April 1, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
2	Type of installation	Install in accordance with drawing No. 08-03236, dated April 10, 2018. Revision A dated February 11, 2021. Signed and sealed by Luis R. Lomas, P.E. on April 1, 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.