

Product Evaluation

DR689 | 1221

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-689

Effective Date: December 1, 2021

Re-evaluation Date: April 2023

Product Name: Glazed Outswing Fiberglass Side Hinged Doors with Sidelites, Frame Installation, Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Outswing Fiberglass Side Hinged Doors; OXXO	R-PG70 (143 x 83)-SHD Missile Level D	+70 / -70 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	143-1/4" x 82-1/2"	35-1/4" x 80-5/16"	25" x 63"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Hinges	3	Install hardware in accordance with drawing No. 08-01539, dated May 30, 2012. Revision A dated February 9, 2021. Signed and sealed by Luis R. Lomas, P.E. on October 27, 2021.
	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 Hook Keeper	1	
	Jam Yuan Enterprises Co., LTD Drive Bar Plate	1	
	Jam Yuan Enterprises Co., LTD Slab Multi-Point Lock Keeper	1	
	Jam Yuan Enterprises Co., LTD Top/Bottom Bar 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	Out-Swing Impact Rated Fiberglass Entrance Door w/ or w/o Sidelites
	Test standards	ASTM E1886-05/E1996-05 Missile Level D
1	Certification agency	NAMI
	Manufacturer's name or code name	Nan Ya Plastics USA
	Product name	Outswing Fiberglass Patio Door w/ or w/o Sidelites
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

NOTE: Both labels must be affixed to the door assembly.

Impact Resistance:

System	Impact Resistant	Requirement
1	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.

Installation:

System	
1	Type of installation
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with drawing No. 08-01539, dated May 30, 2012. Revision A dated February 9, 2021. Signed and sealed by Luis R. Lomas, P.E. on October 27, 2021.	

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.