

Product Evaluation

DR650 | 0421

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-650

Effective Date: April 1, 2021

Re-evaluation Date: April 2024

Product Name: Glazed Fiberglass Outswing Side Hinged Doors, 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	Glazed Double Door w/ Sidelites; OXXO	R-PG70 (144 x 83)-SHD	+70 / -70 psf
2	Glazed Double Patio Door w/ Sidelites; OXXO	R-PG70 (144 x 96)-SHD	+70 / -70 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	143-1/8" x 82-1/2"	34-1/2" x 80-5/16"	Door & Sidelite: 25" x 63"
2	143-1/4" x 95-1/2"	34-1/2" x 93-3/8"	Door & Sidelite: 21" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Hinges	3 per panel	Install hardware in accordance with Nan Ya Plastics Corp. drawing No. 08-01554, dated May 31, 2012. Revision B dated December 19, 2019. Signed and sealed by Luis R. Lomas, P.E. on February 24, 2021.
	Jam Yuan Enterprises Co., LTD latch and deadbolt	1 each	
	Jam Yuan Enterprises Co., LTD latch and deadbolt keeper	1 each	
	Top/Bottom Bar Keeper	1	
	Drive Bar Plate	1	
	Flush Bolt mechanism	1	
	Flush Bolt Bar	1	
2	Hinges	4 per panel	Install hardware in accordance with Nan Ya Plastics Corp. drawing No. 08-01555, dated May 31, 2012. Revision B dated December 19, 2019. Signed and sealed by Luis R. Lomas, P.E. on February 24, 2021.
	Jam Yuan Enterprises Co., LTD Multi-point Locking System (3-pt)	1	
	Slab Multi-point Lock Keeper	1	
	Top/Bottom Drive Bar System	1	
	Top/Bottom Bar Keeper	1	
	Hook Keeper	1	
	Drive Bar Plate	1	

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Nan Ya Plastics USA
	Product name	Outswing Fiberglass Glazed Double Door w/ or w/out Sidelites
	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	Outswing Fiberglass Glazed Double Patio Door w/ or w/out Sidelites
	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.

Installation:

System		
1-2	Type of installation	Install in accordance with Nan Ya Plastics Corp. drawings No. 08-01554 and 08-01555, dated May 31, 2012. Revision B dated December 19, 2019. Signed and sealed by Luis R. Lomas, P.E. on February 24, 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.