

Product Evaluation

DR933 | 0920

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-933

Effective Date: September 1, 2020

Re-evaluation Date: May 2024

Product Name: SLPS Glazed Fiberglass Inswing Side Hinged Patio 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	SLPS Glazed Fiberglass Inswing Side Hinged Patio Doors (OXXO)	R-PG40 (142 x 96)-SHD Missile Level D	+40 / -60 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	141.50" x 95.25"	34.50" x 92.0625"	21" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Hinges	4	Install hardware in accordance with Nan Ya Plastics Corp., USA drawing No. 08-02977, dated April 19, 2017. Revision B dated December 19, 2019. Signed and sealed by Luis R. Lomas, P.E. on August 20, 2020.
	Micota Tech Multi-point Locking System	1	
	Micota Tech Slab Multi-Point Lock Keeper	1	
	Heavy Hook Keeper	1	
	Top/Bottom Drive Bar System	1	
	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	SLPS Inswing Glazed Fiberglass Patio Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05/09 Missile Level D

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.

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

Installation:

System		
1	Type of installation	Install in accordance with Nan Ya Plastics Corp., USA drawing No. 08-02977, dated April 19, 2017. Revision B dated December 19, 2019. Signed and sealed by Luis R. Lomas, P.E. on August 20, 2020.
	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.