

## Product Evaluation

DR742 | 1121

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-742

**Effective Date:** November 1, 2021

**Re-evaluation Date:** April 2025

**Product Name:** 8'-0" Fiberglass Patio Double Doors, Inswing, Impact Resistant, with Impact Resistant Sidelite

**Manufacturer:** Nan Ya Plastics Corporation USA

8989 North Loop East

Houston, TX 77029

(713) 674-7822

### General Description:

System	Description	Label Rating	Drawing Number
1	8'-0" Fiberglass Patio Double Doors, Inswing, Impact Resistant, with Impact Resistant Sidelite (OXX)	MST: 8'10" x 8'0" Design Pressure: ±50 psf Missile Level D	08-02389

### Component Dimensions:

System	Overall Size	Fixed/Operable Panel Size	Maximum Daylight Opening Size
1	Inswing: 151-3/4" x 95-1/2"	Door: 36-5/8" x 95-1/2" Sidelite: 34-1/2" x 95-1/2"	25-1/4" x 63-1/4"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1	4" Steel Butt Hinges	4	Install hardware in accordance with Nan Ya Plastics Corporation USA drawing No. 08-02389, dated July 1, 2014. Revision A dated September 29, 2021. Signed and sealed by Luis R. Lomas, P.E. on September 29, 2021
	Ningbo Micota Multi-point Lock Assembly	1	
	Nan Ya Aluminum and Foam Astragal	1	

**Product Identification (Certification Agency Label on Door):**

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA Houston, TX
	Product Name	Nan Ya 8' Inswing 3/4 Lite Fiberglass Patio Door
	Test Standards	ASTM E330-02; ASTM E 1886-05/E 1996-05 Missile Level D

**Impact Resistance:**

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

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

**Sidelite:** The sidelite must be installed with the doors. The sidelite cannot be installed without the doors.

**Installation:**

System		
1	Type of installation	Install the assembly in accordance with Nan Ya Plastics Corporation USA drawing No. 08-02389, dated July 1, 2014. Revision A dated September 29, 2021. Signed and sealed by Luis R. Lomas, P.E. on September 29, 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.