

Product Evaluation

DR872 | 1022

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-872

Effective Date: October 1, 2022

Re-evaluation Date: April 2025

Product Name: Series 623.620 Vinyl Frame Sliding Glass Doors, Impact Resistant

Manufacturer: Showcase Window and Door Company LLC

12613 Citypark Dr. Unit 100

Missouri City, TX 77489

(713) 926-8500

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 623.620 Vinyl Frame Sliding Glass Doors; OXXO	SD-C50 (192 x 96) Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	192" x 96"	48-1/2" x 93-1/4"	40-3/4" x 85"

Product Identification (Certification Label on Door):

System		
1	Certification agency	Keystone
	Manufacturer's name or code name	CAR# 839-608 (Impact) CAR# 839-325 (Structural)
	Product name	623.620PD PVC NC Imp Sliding Glass Door OXXO
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E1886/E1996-05 Missile Level D

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17, ASTM E 1886-13a, and ASTM E 1996-14a as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-14a.

Installation:

The wood wall faming members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing using the frame of the door. The door frame is secured to the wall framing using minimum No. 8 PPH screws. Locate the screws along the side jambs approximately 6" from each corner and 14" on center. Along the head and sill, locate the screws approximately 6" from each corner and 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.