



Product Evaluation

DR478 | 1115

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-478

Effective Date: November 1, 2015

Re-evaluation Date: November 2016

Product Name: Series SGD-5470 Vinyl Sliding Glass Doors, Non-impact Resistant

Manufacturer: PGT
1070 Technology Drive
North Venice, FL 34275
(941) 480-1600

General Description:

System	Description	Label Rating	Design Pressure
1	SGD-470 Vinyl Sliding Glass Door; XXXX	SD-C60 203 x 96	+60 / -60 psf
2	SGD-470 Vinyl Sliding Glass Door with Astragal; XXXX	SD-C80 203 x 96	+80 / -80 psf
3	SGD-470 Vinyl Sliding Glass Door with Astragal; XXXX	SD-C60 203 x 120	+60 / -65 psf
4	SGD-470 Vinyl Sliding Glass Door; XXXX	SD-C60 241 x 96	+60 / -60 psf

Component Dimensions:

System	Overall Size	Left Panel Sizes	Right Panel Sizes
1, 2	202-1/2" x 96"	Far Left: 49-3/4" x 93-1/2" Center Left: 51-3/16" x 93-1/2"	Far Right: 49-1/2" x 93-1/2" Middle Right: 49-1/2" x 93-1/2"
3	202-1/2" x 120"	Far Left: 49-3/4" x 117-7/16" Center Left: 51-3/16" x 117-7/16"	Far Right: 49-1/2" x 117-7/16" Middle Right: 49-1/2" x 117-7/16"
4	241" x 96"	Far Left: 61-3/4" x 93-1/2" Center Left: 61-3/16" x 93-1/2"	Far Right: 61-3/4" x 93-1/2" Middle Right: 61-1/2" x 93-1/2"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 190-770
	Product Name	Model 470/570/2770/2870 PVC Sliding Door w/Ast XXXX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 190-772
	Product Name	Model 470/570/2770/2870 PVC Sliding Door w/Ast XXXX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 190-774
	Product Name	Model 470/570/2770/2870 PVC Sliding Door w/Ast XXXX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 190-771
	Product Name	Model 470/570/2770/2870 PVC Sliding Door XXXX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3, 4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1, 2, 3, 4	Type of Installation	Install the assembly in accordance with PGT drawing "Series 5470 Non-Impact Sliding Glass Door," drawing no. TDI-SGD5470.1, dated October 12, 2015, signed and sealed by Anthony Lynn Miller, P.E., on October 13, 2015.
	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, the IBC, and the Texas Revisions.