

Product Evaluation

DR479 | 0721

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-479

Effective Date: July 1, 2021

Re-evaluation Date: January 2023

Product Name: Series 5570 Vinyl Sliding Glass Doors, with or without Corners and Pockets, Impact Resistant

Manufacturer: PGT Industries
1070 Technology Dr.
North Venice, FL 34275
(941) 486-0100

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 5570 Vinyl Sliding Glass Doors	LC-PG60 (99 x 203 x 99)-SD Missile Level D	+60 / -60 psf
2	Series 5570 Vinyl Sliding Glass Doors	LC-PG80 (122 x 241 x 96)-SD Missile Level D	+80 / -80 psf
3	Series 5570 Vinyl Sliding Glass Doors	LC-PG100 (100 x 203 x 96)-SD Missile Level D	+100 / -100 psf
4	Series 5570 Vinyl Sliding Glass Doors	LC-PG60 (99 x 203 x 120)-SD Missile Level D	+60 / -65 psf
5	Series 5570 Vinyl Sliding Glass Doors	LC-PG45 (122 x 248 x 120)-SD Missile Level D	+45 / -50 psf

Product Dimensions:

System	Overall size	Maximum Nominal Panel Size	Maximum Panel Daylight Opening Size
1	99" x 203" x 96"	48" x 96"	43-1/8" x 84-15/16"
2	122" x 241" x 96"	60" x 96"	55-1/8" x 54-15/16"
3	100" x 203" x 96"	48" x 96"	43-1/8" x 84-15/16"
4	99" x 203" x 120"	48" x 120"	43-1/8" x 108-15/16"
5	122" x 248" x 120"	60" x 96"	55-1/8" x 84-15/16"

Product Identification (Certification Label on Door):

System		
1	Certification agency	Keystone
	Manufacturer's name or code name	CAR 190-263; CAR 190-770
	Product name	Model 5570 Impact SGD w & w/o Corner
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-12; Missile Level D
2	Certification agency	Keystone
	Manufacturer's name or code name	CAR 190-265; CAR 190-787
	Product name	Model 5570 Impact SGD w & w/o Corner
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-12; Missile Level D
3	Certification agency	Keystone
	Manufacturer's name or code name	CAR 190-266, CAR 190-773
	Product name	Model 5570 Impact SGD w & w/o Corner
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-12; Missile Level D
4	Certification agency	Keystone
	Manufacturer's name or code name	CAR 190-267, CAR 190-774
	Product name	Model 5570 Impact SGD w & w/o Corner
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-12; Missile Level D
5	Certification agency	Keystone
	Manufacturer's name or code name	CAR 190-504, CAR 190-1079
	Product name	Model 5470/5570 Impact SGD w & w/o Corner
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-12; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-4	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 of this report.

Installation:

System		
1-5	Type of installation	Install in accordance with drawing No. TDI-SGD5570.2, dated March 24, 2016. Revision A dated May 25, 2021. Signed and sealed by Anthony Lynn Miller, P.E. on May 25, 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.