



# Product Evaluation

DR479 | 0817

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:** August 1, 2017

**Re-evaluation Date:** August 2021

**Product Name:** Series 5570 Vinyl Sliding Glass Doors, Impact Resistant

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

### General Description:

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

**Component Dimensions:**

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

**Product Identification (Certification Agency 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 E 1886-05, ASTM E 1996-12 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 E 1886-05, ASTM E 1996-12 Missile Level D
3	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 E 1886-05, ASTM E 1996-12 Missile Level D
4	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 E 1886-05, ASTM E 1996-12 Missile Level D
5	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 E 1886-05, ASTM E 1996-12 Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1- 5	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

System		
1- 5	Type of Installation	Install the assembly in accordance with PGT drawing "Series 5570, Impact Resistant Sliding Glass Door Including Pockets & 90°/135° Corners," drawing no. TDI-SGD5570.2, dated March 24, 2016, signed and sealed by Anthony Lynn Miller, P.E., on July 27, 2017.
	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.