

Product Evaluation

WIN2050 | 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: WIN-2050

Effective Date: July 1, 2021

Re-evaluation Date: October 2024

Product Name: Series 5400 Vinyl Single Hung Windows, Fin and Frame Installation, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 5400 Vinyl Single Hung Windows; O/X	LC-PG50 (52 x 92)-H	+50 / -50 psf
2	Series 5400 Vinyl Single Hung Windows; O/X	R-PG50 (40 x 63)-H	+50 / -70 psf
3	Series 5400 Vinyl Single Hung Windows; O/X	LC-PG65 (52 x 92)-H	+65 / -70 psf
4	Series 5400 Vinyl Single Hung Windows; O/X	LC-PG50 (36 x 68)-H	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1, 3	52-1/8" x 91-3/4"	45-1/2" x 38"	47-3/4" x 45-5/8"
2	40" x 63"	33-1/2" x 27-1/2"	35-3/4" x 27-5/8"
4	36" x 67-9/16"	29-9/16" x 27-1/16"	31-3/4" x 32-5/8"

Note: Refer to the drawings referenced in this evaluation report for information concerning the configuration of Standard ProView and Custom Sash/Oriel windows.

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #190-1021
	Product Name	SH5400 View PVC Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #190-1022
	Product Name	SH5400 View PVC Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #190-1026
	Product Name	SH5400 View PVC Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #190-1027
	Product Name	SH5400 View PVC Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

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

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

Installation:

System		
1-4	Type of Installation	Install in accordance with drawing No. TDI-SH5400.1, dated March 16, 2015. Revision 1 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.