

Product Evaluation

WIN1139 | 1020

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-1139

Effective Date: October 1, 2020

Re-evaluation Date: July 2024

Product Name: 5400 / 5400S Series Vinyl Fixed Windows, Frame Installation, Non-Impact Resistant

Manufacturer: Wincore Window Company
250 Staunton Avenue
Parkersburg, WV 26104
(304) 485-7460

General Description:

System	Description	Label Rating	Design Pressure Rating
1	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 48 x 36-FW	+50 / -50 psf
2	5400 / 5400S Series Vinyl Fixed Windows	LC-PG40 45 x 45-FW	+40 / -40 psf
3	5400 / 5400S Series Vinyl Fixed Windows	LC-PG40 60 x 34-FW	+40 / -40 psf
4	5400 / 5400S Series Vinyl Fixed Windows	LC-PG35 72 x 28-FW	+35 / -35 psf
5	5400 / 5400S Series Vinyl Fixed Windows	LC-PG30 84 x 24-FW	+30 / -30 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
6	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 52 x 52-FW	+50 / -50 psf
7	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 63 x 44-FW	+50 / -50 psf
8	5400 / 5400S Series Vinyl Fixed Windows	LC-PG40 72 x 49-FW	+40 / -40 psf
9	5400 / 5400S Series Vinyl Fixed Windows	LC-PG35 60 x 59-FW	+35 / -35 psf
10	5400 / 5400S Series Vinyl Fixed Windows	LC-PG35 84 x 42-FW	+35 / -35 psf
11	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 77 x 69-FW	+50 / -50 psf
12	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 74 x 72-FW	+50 / -50 psf
13	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 96 x 38-FW	+50 / -50 psf
14	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 84 x 58-FW	+50 / -50 psf
15	5400 / 5400S Series Vinyl Fixed Windows	LC-PG45 96 x 58-FW	+45 / -45 psf
16	5400 / 5400S Series Vinyl Fixed Windows	LC-PG45 77 x 72-FW	+45 / -45 psf
17	5400 / 5400S Series Vinyl Fixed Windows	LC-PG50 96 x 72-FW	+50 / -50 psf
18	5400 / 5400S Series Vinyl Fixed Windows	LC-PG45 84 x 66-FW	+45 / -45 psf

Product Dimensions:

System	Overall Size	Glass Daylight Opening Size
1	48" x 36"	43-1/2" x 31-1/2"
2	45" x 45"	40-1/2" x 40-1/2"
3	60" x 34"	55-1/2" x 29-1/2"
4	72" x 28"	67-1/2" x 23-1/2"
5	84" x 24"	79-1/2" x 19-1/2"
6	52" x 52"	47-1/2" x 47-1/2"
7	63" x 44"	58-1/2" x 39-1/2"
8	72" x 49"	67-1/2" x 44-1/2"
9	60" x 59"	55-1/2" x 54-1/2"
10	84" x 42"	79-1/2" x 37-1/2"

Product Dimensions (continued):

System	Overall Size	Glass Daylight Opening Size
11	77" x 69"	72-1/2" x 64-1/2"
12	74" x 72"	69-1/2" x 67-1/2"
13	96" x 38"	91-1/2" x 33-1/2"
14	84" x 58"	79-1/2" x 53-1/2"
15	96" x 58"	91-1/2" x 53-1/2"
16	77" x 72"	72-1/2" x 67-1/2"
17	96" x 72"	91-1/2" x 67-1/2"
18	84" x 66"	80" x 62"

Product Identification (Certification Label on Window):

System		
1-18	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	5400 Series Vinyl Fixed Window OR 5400S Series Vinyl Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact Resistant	Requirement
1-18	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-18	Type of Installation	Install the product in accordance with Drawing No. TX-4456, sheets 1 through 4, dated September 2, 2014; Revision 2, January 21, 2020. Drawing is signed, sealed, and dated September 21, 2020, by Lyndon F. Schmidt, P.E.
	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.