



Product Evaluation

WIN1402 | 1116

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-1402

Effective Date: November 1, 2016

Re-evaluation Date: July 2018

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

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

General Description:

System	Description	Label Rating	Design Pressure Rating	Drawing
1	5400 / 5400S Series Vinyl Single Hung Window	LC-PG50 40 x 42-H	+50 / -60 psf	TX-4470
2	5400 / 5400S Series Vinyl Single Hung Window	LC-PG50 36 x 48-H	+50 / -60 psf	TX-4470
3	5400 / 5400S Series Vinyl Single Hung Window	LC-PG50 32 x 54-H	+50 / -60 psf	TX-4470
4	5400 / 5400S Series Vinyl Single Hung Window	LC-PG45 48 x 40-H	+45 / -55 psf	TX-4470
5	5400 / 5400S Series Vinyl Single Hung Window	LC-PG45 44 x 42-H	+45 / -55 psf	TX-4470
6	5400 / 5400S Series Vinyl Single Hung Window	LC-PG45 40 x 48-H	+45 / -55 psf	TX-4470
7	5400 / 5400S Series Vinyl Single Hung Window	LC-PG45 36 x 52-H	+45 / -55 psf	TX-4470
8	5400 / 5400S Series Vinyl Single Hung Window	LC-PG45 32 x 60-H	+45 / -55 psf	TX-4470

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating	Drawing
9	5400 / 5400S Series Vinyl Single Hung Window	LC-PG40 48 x 44-H	+40 / -50 psf	TX-4470
10	5400 / 5400S Series Vinyl Single Hung Window	LC-PG40 44 x 48-H	+40 / -50 psf	TX-4470
11	5400 / 5400S Series Vinyl Single Hung Window	LC-PG40 40 x 54-H	+40 / -50 psf	TX-4470
12	5400 / 5400S Series Vinyl Single Hung Window	LC-PG40 36 x 60-H	+40 / -50 psf	TX-4470
13	5400 / 5400S Series Vinyl Single Hung Window	LC-PG40 32 x 66-H	+40 / -50 psf	TX-4470
14	5400 / 5400S Series Vinyl Single Hung Window	LC-PG35 48 x 50-H	+35 / -45 psf	TX-4470
15	5400 / 5400S Series Vinyl Single Hung Window	LC-PG35 44 x 56-H	+35 / -45 psf	TX-4470
16	5400 / 5400S Series Vinyl Single Hung Window	LC-PG35 40 x 60-H	+35 / -45 psf	TX-4470
17	5400 / 5400S Series Vinyl Single Hung Window	LC-PG35 36 x 68-H	+35 / -45 psf	TX-4470
18	5400 / 5400S Series Vinyl Single Hung Window	LC-PG35 32 x 72-H	+35 / -45 psf	TX-4470
19	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 48 x 60-H	+30 / -40 psf	TX-4470
20	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 44 x 64-H	+30 / -40 psf	TX-4470
21	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 40 x 72-H	+30 / -40 psf	TX-4470
22	5400 / 5400S Series Vinyl Single Hung Window	LC-PG25 48 x 72-H	+25 / -35 psf	TX-4470
23	5400 / 5400S Series Vinyl Single Hung Window	LC-PG50 48 x 72-H	+50 / -55 psf	TX-4471
24	5400 / 5400S Series Vinyl Single Hung Window	LC-PG35 52 x 48-H	+35 / -45 psf	TX-4471
25	5400 / 5400S Series Vinyl Single Hung Window	LC-PG40 48 x 96-H	+40 / -40 psf	TX-4471
26	5400 / 5400S Series Vinyl Single Hung Window	LC-PG35 32 x 80-H	+35 / -40 psf	TX-4471
27	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 54 x 56-H	+30 / -35 psf	TX-4471
28	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 52 x 58-H	+30 / -35 psf	TX-4471
29	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 40 x 74-H	+30 / -35 psf	TX-4471

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating	Drawing
30	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 36 x 84-H	+30 / -35 psf	TX-4471
31	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 48 x 96-H	+30 / -35 psf	TX-4471
32	5400 / 5400S Series Vinyl Single Hung Window	LC-PG30 36 x 96-H	+30 / -30 psf	TX-4471
33	5400 / 5400S Series Vinyl Single Hung Window	LC-PG25 52 x 68-H	+25 / -30 psf	TX-4471
34	5400 / 5400S Series Vinyl Single Hung Window	LC-PG25 48 x 74-H	+25 / -30 psf	TX-4471
35	5400 / 5400S Series Vinyl Single Hung Window	LC-PG25 44 x 82-H	+25 / -30 psf	TX-4471
36	5400 / 5400S Series Vinyl Single Hung Window	LC-PG25 40 x 84-H	+25 / -30 psf	TX-4471

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Glass Daylight Opening Size
1	40" x 42"	37-3/4" x 20"	35-1/2" x 17-3/4"
2	36" x 48"	33-3/4" x 23"	31-1/2" x 20-3/4"
3	32" x 54"	29-3/4" x 26"	27-1/2" x 23-3/4"
4	48" x 40"	45-3/4" x 19"	43-1/2" x 16-3/4"
5	44" x 42"	41-3/4" x 20"	39-1/2" x 17-3/4"
6	40" x 48"	37-3/4" x 23"	35-1/2" x 20-3/4"
7	36" x 52"	33-3/4" x 25"	31-1/2" x 22-3/4"
8	32" x 60"	29-3/4" x 29"	27-1/2" x 26-3/4"
9	48" x 44"	45-3/4" x 21"	43-1/2" x 18-3/4"
10	44" x 48"	41-3/4" x 23"	39-1/2" x 20-3/4"
11	40" x 54"	37-3/4" x 26"	35-1/2" x 23-3/4"
12	36" x 60"	33-3/4" x 29"	31-1/2" x 26-3/4"
13	32" x 66"	29-3/4" x 32"	27-1/2" x 29-3/4"
14	48" x 50"	45-3/4" x 24"	43-1/2" x 21-3/4"
15	44" x 56"	41-3/4" x 27"	39-1/2" x 24-3/4"
16	40" x 60"	37-3/4" x 29"	35-1/2" x 26-3/4"
17	36" x 68"	33-3/4" x 33"	31-1/2" x 30-3/4"
18	32" x 72"	29-3/4" x 35"	27-1/2" x 32-3/4"
19	48" x 60"	45-3/4" x 29"	43-1/2" x 26-3/4"
20	44" x 64"	41-3/4" x 31"	39-1/2" x 28-3/4"
21	40" x 72"	37-3/4" x 35"	35-1/2" x 32-3/4"
22	48" x 72"	45-3/4" x 35"	43-1/2" x 32-3/4"
23	48" x 72"	45-3/4" x 35"	43-1/2" x 32-3/4"
24	52" x 48"	49-3/4" x 23"	47-1/2" x 20-3/4"

Product Dimensions (Continued):

System	Overall Size	Operable Sash Size	Fixed Glass Daylight Opening Size
25	48" x 96"	45-3/4" x 38"	43-1/2" x 55"
26	32" x 80"	29-3/4" x 39"	27-1/2" x 36-3/4"
27	54" x 56"	51-3/4" x 27"	49-1/2" x 24-3/4"
28	52" x 58"	49-3/4" x 28"	47-1/2" x 25-3/4"
29	40" x 74"	37-3/4" x 36"	35-1/2" x 33-3/4"
30	36" x 84"	33-3/4" x 41"	31-1/2" x 38-3/4"
31	48" x 96"	45-3/4" x 47"	43-1/2" x 44-3/4"
32	36" x 96"	33-3/4" x 47"	31-1/2" x 44-3/4"
33	52" x 68"	49-3/4" x 33"	47-1/2" x 30-3/4"
34	48" x 74"	45-3/4" x 36"	43-1/2" x 33-3/4"
35	44" x 82"	41-3/4" x 40"	39-1/2" x 37-3/4"
36	40" x 84"	37-3/4" x 41"	35-1/2" x 38-3/4"

Product Identification (Certification Label on Window):

System		
1-36	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	5400 / 5400S Series Vinyl Single Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-36	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-22	Type of Installation	Install the product in accordance with Drawing No. TX-4470, titled "5400/5400S Series Vinyl Single Hung Window 'Non-Impact'," sheets 1 through 3, dated April 27, 2016. Drawing is signed, sealed, and dated May 2, 2016, by Lyndon F. Schmidt, P.E.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
23-36	Type of Installation	Install the product in accordance with Drawing No. TX-4471, titled "5400/5400S Series Vinyl Single Hung Window 'Non-Impact'," sheets 1 through 3, dated April 27, 2016. Drawing is signed, sealed, and dated May 2, 2016, 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, the IBC, and the Texas Revisions.