

Product Evaluation

WIN2126 | 0920

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-2126

Effective Date: September 1, 2020

Re-evaluation Date: July 2024

Product Name: Series 400 / 500 Vinyl Fixed Windows, Fin 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	400 / 500 Series Vinyl Fixed Windows; O	LC-PG50 48 x 36-FW	+50 / -50 psf
2	400 / 500 Series Vinyl Fixed Windows; O	LC-PG50 45 x 45-FW	+50 / -50 psf
3	400 / 500 Series Vinyl Fixed Windows; O	LC-PG40 60 x 34-FW	+40 / -40 psf
4	400 / 500 Series Vinyl Fixed Windows; O	LC-PG35 72 x 28-FW	+35 / -35 psf
5	400 / 500 Series Vinyl Fixed Windows; O	LC-PG30 84 x 24-FW	+30 / -30 psf
6	400 / 500 Series Vinyl Fixed Windows; O	LC-PG50 52 x 52-FW	+50 / -50 psf

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
7	400 / 500 Series Vinyl Fixed Windows; O	LC-PG50 63 x 44-FW	+50 / -50 psf
8	400 / 500 Series Vinyl Fixed Windows; O	LC-PG40 72 x 49-FW	+40 / -40 psf
9	400 / 500 Series Vinyl Fixed Windows; O	LC-PG35 60 x 59-FW	+35 / -35 psf
10	400 / 500 Series Vinyl Fixed Windows; O	LC-PG35 84 x 42-FW	+35 / -35 psf
11	400 / 500 Series Vinyl Fixed Windows; O	LC-PG50 96 x 38-FW	+50 / -50 psf
12	400 / 500 Series Vinyl Fixed Windows; O	LC-PG50 84 x 58-FW	+50 / -50 psf
13	400 / 500 Series Vinyl Fixed Windows; O	LC-PG45 96 x 58-FW	+45 / -45 psf
14	400 / 500 Series Vinyl Fixed Windows	LC-PG45 77 x 72-FW	+45 / -45 psf
15	400 / 500 Series Vinyl Fixed Windows; O	LC-PG35 84 x 66-FW	+35 / -35 psf
16	400 / 500 Series Vinyl Fixed Windows; O	LC-PG35 96 x 72-FW	+35 / -35 psf

Product Dimensions:

System	Overall Size	Daylight Opening
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"
11	96" x 38"	91-1/2" x 33-1/2"
12	84" x 58"	79-1/2" x 53-1/2"
13	96" x 58"	91-1/2" x 53-1/2"

Product Dimensions (Continued):

System	Overall Size	Daylight Opening
14	77" x 72"	72-1/2" x 67-1/2"
15	84" x 66"	79-1/2" x 61-1/2"
16	95.5" x 71.5"	91" x 67"

Product Identification (Certification Label on Window):

System		
1-16	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company
	Product Name	400 Series Vinyl Fixed Window OR 500 Series Vinyl Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact Resistant	Requirement
1-16	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 specified in this report.

Installation:

System		
1-16	Type of Installation	Install windows in accordance with Wincore Window and Doors drawing No. TX-4457, sheets 1 through 3 of 3, dated September 2, 2014, Revision 1, dated January 21, 2020, signed, and sealed by Lyndon F. Schmidt, PE on February 24, 2020.
	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.