

Product Evaluation

WIN2158 | 0523

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 1-800-248-6032.

Evaluation ID: WIN-2158

Effective Date: May 1, 2023

Re-evaluation Date: February 2024

Product Name: 400/500 Series Vinyl Single Hung Windows, Fin 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
1	400/500 Series Vinyl Single Hung Windows; (O/X)	LC-PG50 36 x 80-H	+50 / -50 psf
2	400/500 Series Vinyl Single Hung Windows; (O/X)	LC-PG50 48 x 72-H	+50 / -50 psf
3	400/500 Series Vinyl Single Hung Windows; (O/X)	LC-PG40 48 x 96-H	+40 / -40 psf
4	400/500 Series Vinyl Single Hung Windows; (O/X)	R-PG35 40 x 84-H	+35 / -35 psf
5	400/500 Series Vinyl Single Hung Windows; (O/X)	LC-PG35 52 x 77-H	+35 / -35 psf

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
6	400/500 Series Vinyl Single Hung Windows; (O/X)	R-PG30 36 x 96-H	+30 / -30 psf
7	400/500 Series Vinyl Single Hung Windows; (O/X)	LC-PG30 48 x 96-H	+30 / -30 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Glass Daylight Opening Size
1	36" x 80"	33-7/8" x 38-15/16"	31-1/2" x 36-3/4"
2	48" x 72"	45-7/8" x 34-15/16"	43-1/2" x 32-3/4"
3	48" x 96"	45-7/8" x 36-15/16"	43-1/2" x 54-7/8"
4	40" x 84"	37-3/4" x 41"	35-1/2" x 38-1/2"
5	52" x 77"	49-3/4" x 37-7/16"	47-1/2" x 35-1/4"
6	36" x 96"	33-13/16" x 47"	31-1/2" x 44-3/4"
7	48" x 96"	45-13/16" x 47"	43-1/2" x 44-3/4"

Product Identification (Certification Label on Window):

System		
1-7	Certification agency	NAMI
	Manufacturer's name or code name	Wincore Window Company LLC
	Product name	400 Series Vinyl Single Hung Window (O/X) OR 500 Series Vinyl Single Hung Window (O/X)
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact resistant	Requirement
1-7	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-7	Type of Installation	Install in accordance with Wincore Windows and Doors drawing TX-4591 or TX-4592, dated January 6, 2016, Revision 1, 1/21/20. Signed and sealed by Lyndon F. Schmidt, P.E. 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.