

Product Evaluation

WIN1156 | 0124

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-1156

Effective Date: January 1, 2024

Re-evaluation Date: January 2028

Product Name: Series 5400/5400S/7700/9900 Series Vinyl Fixed Casement Windows, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 5400/5400S/7700/9900 Series Casement Fixed Windows	FW-LC60 (96 x 61)	+60 / -60 psf
2	Series 5400/5400S/7700/9900 Series Casement Fixed Windows	FW-LC45 (96 x 61)	+45 / -45 psf
3	Series 5400/5400S/7700/9900 Series Casement Fixed Windows	FW-LC60 (81 x 72)	+60 / -60 psf
4	Series 5400/5400S/7700/9900 Series Casement Fixed Windows	FW-LC45 (81 x 72)	+45 / -45 psf
5	Series 5400/5400S/7700/9900 Series Casement Fixed Windows	FW-LC55 (96 x72)	+55 / -55 psf
6	Series 5400/5400S/7700/9900 Series Casement Fixed Windows	FW-LC50 (63 x 63)	+50 / -50 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
7	Series 5400/5400S/7700/9900 Series Casement Fixed Windows	FW-LC35 (63 x 63)	+35 / -35 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1-2	96" x 61"	89-1/2" x 54-1/2"
3-4	81" x 72"	74-3/8" x 65-1/4"
5	96" x 72"	89-1/2" x 65-3/8"
6-7	63" x 63"	56-1/2" x 56-1/2"

Product Identification (Certification Label on Window):

System		
1-7	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company LLC
	Product Name	5400 Series Vinyl Casement Picture Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
1-7	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company LLC
	Product Name	5400S Series Vinyl Casement Picture Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
1-7	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company LLC
	Product Name	7700 Series Vinyl Casement Picture Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
1-7	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company LLC
	Product Name	9900 Series Vinyl Casement Picture Fixed Window
	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 & Doors drawing No. TX-4465, dated September 4, 2014. Revision 1 dated January 21, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on March 23, 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.