

Product Evaluation

WIN2127 | 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-2127

Effective Date: September 1, 2020

Re-evaluation Date: April 2024

Product Name: Series 5400 / 5400S / 7700 / 9900 Vinyl Fixed Transom 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 / 7700 / 9900 Series Vinyl Fixed Windows; O	R-PG75 50 x 106-FW	+75 / -75 psf
2	5400 / 5400S / 7700 / 9900 Series Vinyl Fixed Windows; O	R-PG50 59 x 71-FW	+50 / -50 psf

Product Dimensions:

System	Overall Size	Daylight Opening
1	50.00" x 106.29"	46.38" x 102.67"
2	59.06" x 70.87"	55.44" x 67.25"

Product Identification (Certification Label on Window):

System		
1-2	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 OR 7700 Series Vinyl Fixed Window OR 9900 Series Vinyl Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact Resistant	Requirement
1-2	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		
1-2	Type of Installation	Install windows in accordance with Wincore Window and Doors drawing No. TX-4460, sheets 1 through 3 of 3, dated September 3, 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.