

Product Evaluation

WIN1747 | 0823

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-1747

Effective Date: August 1, 2023

Re-evaluation Date: August 2027

Product Name: Series 8400 Vinyl Awning 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	Series 8400 Vinyl Awning Window; (X)	LC-PG50 60 x 36-AP	± 50 psf
2	Series 8400 Vinyl Awning Window; (X)	LC-PG55 60 x 36-AP	± 55 psf

Product Dimensions:

System	Overall Size	Sash Size	DLO Max. Size
1	60" x 36"	58.56" x 34.56"	53.50" x 29.50"
2	60" x 36"	58.62" x 34.62"	53.54" x 29.54"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	5400 Series Vinyl Awning Window OR 5400S Series Vinyl Awning Window OR 7700 Series Vinyl Awning Window OR 8400 Series Vinyl Awning Window OR 9900 Series Vinyl Awning Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
	Certification Agency	AAMA
2	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	8400 Series Vinyl Awning Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
	Certification Agency	AAMA

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris.

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 and anchor windows in accordance with Wincore Windows and Doors drawing No. TX-4240, titled "8400 Series Vinyl Awning Window "Non-Impact"," sheets 1 through 4 of 4, dated September 10, 2012, Revision 1, dated January 16, 2020, signed and sealed by Lyndon F. Schmidt, P.E. on February 25, 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.