

Product Evaluation

DR1254 | 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: DR-1254

Effective Date: May 1, 2023

Re-evaluation Date: April 2026

Product name: Series 8400 Vinyl Sliding Glass Doors, Frame 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	Series 8400 Vinyl Sliding Glass Doors; XX	LC-PG50 (96 x 96)-SD	+50 / -55 psf
2	Series 8400 Vinyl Sliding Glass Doors; XXX	LC-PG50 (144 x 96)-SD	+50 / -50 psf

Product Dimensions:

System	Overall Size	Panel Size	Panel Daylight Opening Size
1	96" x 96"	48-5/8" x 91-5/8"	41-5/8" x 85-1/2"
2	143-1/2" x 95-1/2"	49-1/4" x 91-1/4"	42-3/8" x 85"

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Wincore Window Company LLC
	Product name	8400 Series Vinyl Sliding Glass Door-XX
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
2	Certification agency	NAMI
	Manufacturer's name or code name	Wincore Window Company LLC
	Product name	8400 Series Vinyl Sliding Glass Door-XXX
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:

System		
1	Type of installation	Install in accordance with Wincore Windows & Doors drawing No. TX-5286 dated September 1, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on September 6, 2022.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
2	Type of installation	Install in accordance with Wincore Windows & Doors drawing No. TX-5295 dated February 2, 2023. Signed and sealed by Lyndon F. Schmidt, P.E. on February 7, 2023.
	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.