



Product Evaluation

DR676 | 0116

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: DR-676 **Effective Date:** January 1, 2016
Re-evaluation Date: July 2018

Product Name: 400/500 Series Vinyl Sliding Patio 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 Ratings	Design Pressure (psf)	Design Drawing
1	400/500 Series Vinyl Sliding Patio Doors; OX, XO	R-PG55 72 x 82-SD	+55 / -55	TX-4466
2	400/500 Series Vinyl Sliding Patio Doors; OX, XO	R-PG35 96 x 96-SD	+35 / -35	TX-4466
3	400/500 Series Vinyl Sliding Patio Doors; OXO	R-PG35 107 x 96-SD	+35 / -35	TX-4467
4	400/500 Series Vinyl Sliding Patio Doors; XOO	R-PG35 104 x 96-SD	+35 / -35	TX-4468
5	400/500 Series Vinyl Sliding Patio Doors w/Transom; OX/O	R-PG40 72 x 118-SD	+40 / -40	TX-4469

Product Dimensions:

System	Overall Window Size	Maximum Panel Size	Maximum Glass Daylight Opening Size
1	71.85" x 81.69"	35.39" x 77.56"	29.06" x 71.18"
2	96.02" x 96.02"	47.64" x 91.93"	41.26" x 85.79"
3	107.32" x 96.06"	35.43" x 91.93"	29.01" x 85.51"
4	104.33" x 96.06"	35.43" x 91.93"	29.06" x 85.59"
5	71.85" x 117.7"	35.43" x 77.56"	Door: 29.06" x 71.18" Transom: 66.73" x 32.91"

Product Identification (Certification Label on Window):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	500 Series Vinyl Sliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3, 4, 5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	400 Series Vinyl Sliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistance	Description
1-5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

Installation:

System		
1, 2	Type of Installation	Install the doors in accordance with Drawing No. TX-4466, titled "Wincore Windows & Doors 400/500 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated September 4, 2014, signed and sealed by Lyndon F. Schmidt, P.E on December 1, 2015.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
3	Type of Installation	Install the doors in accordance with Drawing No. TX-4467, titled "Wincore Windows & Doors 400/500 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated September 4, 2014, signed and sealed by Lyndon F. Schmidt, P.E on December 1, 2015.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Installation (continued):

System		
4	Type of Installation	Install the doors in accordance with Drawing No. TX-4468, titled "Wincore Windows & Doors 400/500 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated September 4, 2014, signed and sealed by Lyndon F. Schmidt, P.E on December 1, 2015.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
5	Type of Installation	Install the doors in accordance with Drawing No. TX-4469, titled "Wincore Windows & Doors 400/500 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated September 4, 2014, signed and sealed by Lyndon F. Schmidt, P.E on December 1, 2015.
	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, the IBC, and the Texas Revisions.