



# Product Evaluation

DR684 | 0416

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-684 **Effective Date:** April 1, 2016  
**Re-evaluation Date:** May 2018

**Product Name:** 7700/9900 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	7700/9900 Series Vinyl Sliding Patio Doors; OX, XO	R-PG60 71 x 82-SD	+60 / -60	TX-4461
2	7700/9900 Series Vinyl Sliding Patio Doors; OX, XO	SD-R40 95 x 80	+40 / -40	TX-4461
3	7700/9900 Series Vinyl Sliding Patio Doors; OX, XO	LC-PG35 96 x 96-SD	+35 / -35	TX-4461
4	7700/9900 Series Vinyl Sliding Patio Doors; OXXO	R-PG35 140 x 82-SD	+35 / -35	TX-4462

**General Description (continued):**

System	Description	Label Ratings	Design Pressure (psf)	Design Drawing
5	7700/9900 Series Vinyl Sliding Patio Doors; OXXO	R-PG30 140 x 82-SD	+30 / -30	TX-4462
6	7700/9900 Series Vinyl Sliding Patio Doors; OXXO	R-PG30 139 x 96-SD	+30 / -30	TX-4462
7	7700/9900 Series Vinyl Sliding Patio Doors; OXXO	R-PG25 139 x 96-SD	+25 / -25	TX-4462
8	7700/9900 Series Vinyl Sliding Patio Doors; OXO	R-PG45 106 x 82-SD	+45 / -45	TX-4463
9	7700/9900 Series Vinyl Sliding Patio Doors; OXO	R-PG40 106 x 96-SD	+40 / -40	TX-4463
10	7700/9900 Series Vinyl Sliding Patio Doors; OXO	R-PG30 103 x 96-SD	+30 / -40	TX-4464

**Product Dimensions:**

System	Overall Door Size	Maximum Panel Size	Maximum Glass Daylight Opening Size
1	70.9" x 81.9"	35.4" x 77.6"	28.9" x 71.2"
2	94.5" x 79.5"	47.2" x 75.2"	40.7" x 68.8"
3	96.1" x 96.1"	48.1" x 91.7"	41.6" x 85.3"
4	139.5" x 81.9"	35.6" x 77.6"	29.1" x 71.3"
5	139.5" x 81.9"	35.6" x 77.6"	29.1" x 71.3"
6	139.4" x 96.1"	35.6" x 91.8"	29.1" x 85.4"
7	139.4" x 96.1"	35.6" x 91.8"	29.1" x 85.4"
8	106.3" x 81.9"	35.6" x 77.6"	29.1" x 71.2"
9	106.3" x 96.1"	35.6" x 91.8"	29.1" x 85.4"
10	103.5" x 96.1"	35.5" x 91.7"	29.1" x 85.4"

**Product Identification (Certification Label on Door):**

System		
1, 3, 4, 6, 8, 9, 10	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	7700 Series Vinyl Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Product Identification (Certification Label on Door) - continued:**

System		
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	7700 Vinyl Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3, 5, 7, 9, 10	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	9900 Vinyl Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistance	Description
1-10	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, 3	Type of Installation	Install the doors in accordance with Drawing No. TX-4461, titled "Wincore Windows & Doors 7700/9900 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 6 of 6, dated September 3, 2014, signed and sealed by Lyndon F. Schmidt, P.E on December 1, 2015.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
4, 5, 6, 7	Type of Installation	Install the doors in accordance with Drawing No. TX-4462, titled "Wincore Windows & Doors 7700/9900 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated September 3, 2014, signed and sealed by Lyndon F. Schmidt, P.E on December 1, 2015.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
8, 9	Type of Installation	Install the doors in accordance with Drawing No. TX-4463, titled "Wincore Windows & Doors 7700/9900 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 6 of 6, dated September 3, 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		
10	Type of Installation	Install the doors in accordance with Drawing No. TX-4464, titled "Wincore Windows & Doors 7700/9900 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated September 3, 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.