

## Product Evaluation

WIN1828 | 0820

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-1828

**Effective Date:** August 1, 2020

**Re-evaluation Date:** August 2024

**Product Name:** 8400 Series Vinyl Horizontal Sliding Windows, 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	8400 Series Vinyl Horizontal Sliding Window (XX)	LC-PG50 (74 x 62)-HS	+50/-50 psf
2	8400 Series Vinyl Horizontal Sliding Window (XX)	LC-PG60 (74 x 63)-HS	+60/-65 psf
3	8400 Series Vinyl Horizontal Sliding Window (XX)	LC-PG50 (84 x 63)-HS	+50/-50 psf
4	8400 Series Vinyl Horizontal Sliding Window (XX)	LC-PG65 (84 x 63)-HS	+65/-65 psf
5	8400 Series Vinyl Horizontal Sliding Window (XX)	LC-PG40 (96 x 72)-HS	+40/-40 psf

**General Description (continued):**

System	Description	Label Rating	Design Pressure Rating
6	8400 Series Vinyl Horizontal Sliding Window (XX)	LC-PG50 (96 x 72)-HS	+50/-50 psf
7	8400 Series Vinyl Horizontal Sliding Window (XOX)	LC-PG50 (110 x 62)-HS	+50/-50 psf
8	8400 Series Vinyl Horizontal Sliding Window (XOX)	LC-PG60 (112 x 63)-HS	+60/-65 psf
9	8400 Series Vinyl Horizontal Sliding Window (XOX)	LC-PG50 (110 x 62)-HS	+50/-50 psf

**Product Dimensions:**

System	Overall Size	Maximum Daylight Opening Size
1	74" x 62"	32.43" x 54"
2	74" x 63"	32.43" x 55"
3	84" x 63"	37.37" x 55.12"
4	84" x 63"	37.37" x 55.12"
5	96" x 72"	43.37" x 64.12"
6	96" x 72"	43.37" x 64.12"
7	110" x 62"	49-1/2" x 54"
8	112" x 63"	50-1/2" x 55"
9	110" x 62"	33" x 54"

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

System		
1-6	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	8400 Series Vinyl Horizontal Sliding Window (XX)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
7-9	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	8400 Series Vinyl Horizontal Sliding Window (XOX)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

**Impact Resistance:**

System	Impact Resistant	Requirement
1-9	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 with the limitations specified in this report.

**Installation:**

System	Impact Resistant	Requirement
1-6	Type of Installation	Install the window in accordance with Drawing No. TX-4308, titled "8400 Series Vinyl Horizontal Sliding Window 'Non-Impact'," Sheets 1 through 4 of 4, dated September 10, 2013, Revision 2 dated January 21, 2020. The drawing is signed, sealed, and dated on February 19, 2020, by Lyndon F. Schmidt, P.E.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
7-8	Fastener Penetration	Install the window in accordance with Drawing No. TX-4309, titled "8400 Series Vinyl Horizontal Sliding Window 'Non-Impact'," Sheets 1 through 4 of 4, dated September 10, 2013, Revision 1 dated January 21, 2020. The drawing is signed, sealed, and dated on February 19, 2020, by Lyndon F. Schmidt, P.E.
	Type of Installation	
	Wall Framing	
	Fasteners	
9	Fastener Location/Spacing	Install the window in accordance with Drawing No. TX-4310, titled "8400 Series Vinyl Horizontal Sliding Window 'Non-Impact'," Sheets 1 through 4 of 4, dated September 10, 2013, Revision 1 dated January 21, 2020. The drawing is signed, sealed, and dated on February 19, 2020, by Lyndon F. Schmidt, P.E.
	Fastener Penetration	
	Type of Installation	
	Wall Framing	

**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.