



Product Evaluation

WIN1743 | 0315

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-1743

Effective Date: May 1, 2013

Revised: March 1, 2015

Re-evaluation Date: August 2016

Product Name: Series 8800 Vinyl Fixed Windows; Replacement Construction, Impact Resistant

Manufacturer: Wincore Windows and Doors
250 Staunton Turnpike
Parkersburg, WV 26104
(304) 485-7460

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 8800 Vinyl Fixed Windows; SGP; Tempered; O	LC-PG65 37 x 84 – FW; Missile Level D	±65 psf
2	Series 8800 Vinyl Fixed Windows; PVB; O	LC-PG50 37 x 84 – FW; Missile Level D	±50 psf
3	Series 8800 Vinyl Fixed Windows; SGP; O	LC-PG50 48 x 60 – FW; Missile Level D	±50 psf
4	Series 8800 Vinyl Fixed Windows; PVB; O	LC-PG50 48 x 60 – FW; Missile Level D	±50 psf
5	Series 8800 Vinyl Fixed Windows; SGP; Tempered; O	LC-PG65 64 x 64 – FW; Missile Level D	±65 psf
6	Series 8800 Vinyl Fixed Windows; PVB; O	LC-PG50 64 x 64 – FW; Missile Level D	±50 psf

General Description (cont.):

System	Description	Label Rating	Design Pressure Rating
7	Series 8800 Vinyl Fixed Windows; SGP; Tempered; O	LC-PG65 72 x 72 – FW; Missile Level D	±65 psf
8	Series 8800 Vinyl Fixed Windows; SGP; O	LC-PG50 72 x 72 – FW; Missile Level D	±50 psf
9	Series 8800 Vinyl Fixed Windows; SGP; Tempered; O	LC-PG65 76 x 63 – FW; Missile Level D	+65 / -70 psf

Product Dimensions:

System	Overall Size
1	37" x 84"
2	37" x 84"
3	48" x 60"
4	48" x 60"
5	64" x 64"
6	64" x 64"
7	72" x 72"
8	72" x 72"
9	76" x 63"

Product Identification (Certification Label on Window):

System		
1-9	Certification Agency	AAMA
	Manufacturer's Name or Code Name	Wincore 1640-1
	Product Name	Series 8800 Impact Vinyl Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05, ASTM E 1996-06; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-9	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System	
1-9	Type of Installation
	Wall Framing
	Fasteners
	Fastener Location/Spacing
	Fastener Penetration
Install windows in accordance with Drawing No. TX-4237, titled "Wincore Windows & Doors 8800 Series Vinyl Fixed Window 'Impact'," sheets 1 through 5 of 5, dated September 10, 2012, Rev. 1, dated August 27, 2013, signed and sealed by Lyndon F. Schmidt, PE on August 27, 2013.	

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.