

## Product Evaluation

DR555 | 1219

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-555

**Effective Date:** December 1, 2019

**Re-evaluation Date:** December 2023

**Product Name:** 6'8" Plastpro Opaque, Fiberglass Side Hinged Doors, Inswing and Outswing, Singles w/ or w/o Sidelites, and Doubles, Impact Resistant

**Manufacturer:** Wincore Window Company, LLC

250 Staunton Avenue  
Parkersburg, WV 26104  
(304) 485-7460

### General Description:

System	Description	Label Rating <sup>1</sup>	Drawing Number
1	3'-0" x 6'-8" Single Door (X)	+75 / -75 psf Missile Level D	TX-4158
2	3'-0" x 6'-8" Single Door w/ Sidelite & Combination Reinforced Mullion (OX, XO)	+65 / -65 psf Missile Level D	TX-4159
3	3'-0" x 6'-8" Single Door w/ Sidelite & Combination Reinforced Mullion (OXO)	+65 / -65 psf Missile Level D	TX-4159
4	6'-0" x 6'-8" Double Door (XX)	+55 / -55 psf Missile Level D	TX-4160

**Note:** <sup>1</sup> Maximum design pressure for certain hardware is limited. See hardware table on approved drawings for design pressure limitations.

**Component Dimensions:**

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 37-1/2" x 82" Outswing: 37-1/2" x 81-1/8"	35-3/4" x 79-1/4"	N/A
2	Inswing: 76-1/2" x 82" Outswing: 76-1/2" x 81-1/8"	Door & Sidelite 35-3/4" x 79-1/4"	Door: N/A Sidelite: 20-1/2" x 62-5/8"
3	Inswing: 115-1/2" x 82" Outswing: 115-1/2" x 81-1/8"	Door & Sidelite 35-3/4" x 79-1/4"	Door: N/A Sidelite: 20-1/2" x 62-5/8"
4	Inswing: 74" x 82" Outswing: 74" x 81-1/8"	35-3/4" x 79-1/4"	N/A

**Hardware:**

System	Component	Quantity	Attachment method
1-4	Hinges	3	Install hardware in accordance with Wincore Windows & Doors drawings No. TX-4158, TX-4159, and TX-4160, dated May 30, 2012, revised September 18, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 25, 2019.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) <b>OR</b> Knob: Schlage "F" Series (F51) Deadbolt: Schlage "B" Series (B60/62) <b>OR</b> Lever: Pamex FL3B Series Deadbolt: Pamex FD7 Series <b>OR</b> Multi-point Lock: Hoppe 3-point Tongue <b>OR</b> Multi-point Lock: W & F Trilennium "3000" Series	1	

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

System		
1-3	Certification agency	Self-labeled
	Manufacturer's name or code name	Wincore Windows & Doors
	Product name	Opaque Plastpro Fiberglass Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Single and Single w/ Sidelites
	Test standards	ASTM E330-14/E1886-13a/E1996-14a Missile Level D

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

System		
4	Certification agency	Self-labeled
	Manufacturer's name or code name	Wincore Windows & Doors
	Product name	Opaque Plastpro Fiberglass Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Double
	Test standards	ASTM E330-14/E1886-13a/E1996-14a Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-4	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

System		
1-4	Type of installation	Install assembly in accordance with Wincore Windows & Doors drawings No. TX-4158, TX-4159, and TX-4160, dated May 30, 2012, revised September 18, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 25, 2019.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	

**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.