



Product Evaluation

DR555 | 0417

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: April 1, 2017

Re-evaluation Date: July 2019

Product Name: 6'-8" Opaque Fiberglass Side Hinged Doors, Inswing & Outswing, Singles & Doubles With and Without Sidelites, Impact Resistant

Manufacturer: Wincore Window Company, LLC
250 Staunton Avenue
Parkersburg, WV 26104
(304) 485-7460

General Description:

System	Description	Label Design Pressure	Drawing Number
1	3'-0" x 6'-8" Opaque Fiberglass Single Door Inswing & Outswing (X)	+75/-75 psf	TX-4158
2	3'-0" x 6'-8" Opaque Fiberglass Single Door Inswing & Outswing w/ Boxed Sidelite & Combination Mullion (XO, OX)	+75/-75 psf	TX-4159
3	3'-0" x 6'-8" Opaque Fiberglass Single Door Inswing & Outswing, w/ Boxed Sidelite & Combination Mullion (OXO)	+75/-75 psf	TX-4159
4	6'-0" x 6'-8" Opaque Fiberglass Double Door Inswing & Outswing (XX)	+60/-60 psf	TX-4160
5	6'-0" x 6'-8" Opaque Fiberglass Double Door Inswing & Outswing w/ Boxed Sidelites & Combination Mullion (OXXO)	+50/-50 psf	TX-4160

Product Dimensions:

System	Overall Size		Maximum Panel Size	Maximum Glass Daylight Opening Size
	Inswing	Outswing		
1	37-1/2" x 82"	37-1/2" x 81-1/8"	35-3/4" x 79-1/4"	NA
2	76-1/2" x 82"	76-1/2" x 81-1/8"	35-3/4" x 79-1/4"	20-1/2" x 62-5/8"
3	115-1/2" x 82"	115-1/2" x 81-1/8"	35-3/4" x 79-1/4"	20-1/2" x 62-5/8"
4	74" x 82"	74" x 81-1/8"	35-3/4" x 79-1/4"	NA
5	152" x 82"	152" x 81-1/8"	35-3/4" x 79-1/4"	20-1/2" x 62-5/8"

Hardware and components:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3	Hardware & components must be installed in accordance with Wincore Windows & Doors approved drawings: TX-4158 TX-4159 TX-4160 Dated May 30, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on May 31, 2012.
	Lock and deadbolt Strike Plate or Multi-Point Strike Plates	1 per lockset and deadbolt and 3 for the 3-point lock syst.	
	Kwikset Signature Series Lockset and Kwikset Signature Series 980 Deadbolt or Schlage Series F51 Lockset and Schlage Series B60/62 Deadbolt or Pamex FL3B Lever Lockset and Pamex Series Deadbolt FD7 or Hoppe Multi-Point Lock 3-Point Tongue or W&F Trilennium Series 3000 Multi-Point Lock	Refer to Hardware Table on page 2 of the approved drawings to verify the maximum allowable design pressure rating.	

Product Identification (Certification Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Opaque Fiberglass Door (X) Large Missile Impact Rated
	Test Standards	ASTM E330-02/ASTM E1886-05/ASTM E1996-06
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Opaque Fiberglass Door (XO or OX) Large Missile Impact Rated
	Test Standards	ASTM E330-02/ASTM E1886-05/ASTM E1996-06

Product Identification (Certification Label on Door) - Continued:

System		
3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Opaque Fiberglass Door (OXO) Large Missile Impact Rated
	Test Standards	ASTM E330-02/ASTM E1886-05/ASTM E1996-06
4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Opaque Fiberglass Door (XX) Large Missile Impact Rated
	Test Standards	ASTM E330-02/ASTM E1886-05/ASTM E1996-06
5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Opaque Fiberglass Door (OXXO) Large Missile Impact Rated
	Test Standards	ASTM E330-02/ASTM E1886-05/ASTM E1996-06

Impact Resistance:

System	Impact Resistant	Requirement
1-5	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. The products passed the equivalent of Missile Level D as specified in ASTM E 1996. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

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

Installation:

System	Impact Resistant	Requirement
1-5	Type of Installation	Install and anchor doors in accordance with Wincore Windows & Doors approved Drawings: TX-4158 TX-4159 TX-4160 Dated May 30, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on May 31, 2012.
	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.