

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION
DR-556

Effective Date: September 1, 2012
Reevaluation Date: **September 2016**

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.

6'-8" Glazed Fiberglass Doors, Inswing & Outswing, Singles & Doubles with and without Sidelites, Impact Resistant, manufactured by

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

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Glazed Fiberglass Single Door, Inswing & Outswing; (X)	Inswing: ± 75 Outswing: ± 75	TX-4161
2	3'-0" x 6'-8" Glazed Fiberglass Single Door, Inswing & Outswing, w/ Boxed Sidelite & Combination Mullion; (XO), (OX)	Inswing: ± 75 Outswing: ± 75	TX-4162
3	3'-0" x 6'-8" Glazed Fiberglass Single Door, Inswing & Outswing, w/ Boxed Sidelite & Combination Mullion; (OXO)	Inswing: ± 75 Outswing: ± 75	TX-4162
4	3'-0" x 6'-8" Glazed Fiberglass Double Door, Inswing & Outswing; (XX)	Inswing: ± 60 Outswing: ± 75	TX-4163

General Description (continued):

System	Description	Label Rating	Drawing Number
5	3'0" x 6'-8" Glazed Fiberglass Double Door, Inswing & Outswing w/ Boxed Sidelites & Combination Mullion; (OXXO)	Inswing: ± 50 Outswing: ± 50	TX-4163

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"	NA
2	Inswing: 76 1/2" x 82" Outswing: 76 1/2" x 81 1/8"	35 3/4" x 79 1/4"	20 1/2" x 62 5/8"
3	Inswing: 115 1/2" x 82" Outswing: 115 1/2" x 81 1/8"	35 3/4" x 79 1/4"	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"	NA
5	Inswing: 152" x 82" Outswing: 152" x 81 1/8"	35 3/4" x 79 1/4"	20 1/2" x 62 5/8"

Component Dimensions:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3	Hardware shall be installed in accordance with Wincore drawings TX-4161, TX-4162, and TX-4163, dated May 30, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on May 31, 2012.
	Lock and deadbolt strike plate	1 per lockset and deadbolt except for 3-point lock	
	Kwikset Signature Series Lockset and Kwikset Signature Series 980 deadbolt; or Schlage Series F51 Lockset and Schlage Series B60/62 deadbolt; or Pamex FL3B lockset and Pamex Series 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 drawings for maximum allowable design pressure rating.	

Product Identification (Certification Agency Label on Door):

System		
1-5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Glazed Fiberglass Doors
	Test Standards	ASTM E330-02; ASTM E 1886-05; ASTM E 1996-06

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System			
1-5	Type of Installation	Door Frame	
	Wall Framing	Southern Pine	
	Fasteners	The doors shall be installed and anchored in accordance with with Wincore drawings TX-4161, TX-4162, and TX-4163, dated May 30, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on May 31, 2012.	
	Fastener Embedment	Minimum of 1 ½ inches into the wall framing	
	Fastener Location/Spacing	Head	The doors shall be installed and anchored in accordance with Wincore drawings TX-4161, TX-4162, and TX-4163, dated May 30, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on May 31, 2012.
		Sill	
Side Jamb			
Hinges			

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) the International Building Code (IBC), and the Texas Revisions.