

# 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-557

Effective Date: September 1, 2012 (Revised May 1, 2013)  
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

**ODL, Inc.**  
**215 East Roosevelt Ave.**  
**Zeeland, MI 49464**  
**Telephone: (616) 748-5437**

and distributed by

**McCoy's Building Supply**  
**1350 I.H. 35 North**  
**San Marcos, TX 78667**  
**Telephone: (512) 395-6644**

## General Description:

System	Description	Label Rating <sup>1</sup>	Drawing Number
1	3'-0" x 6'-8" Glazed Fiberglass Single Door, Inswing & Outswing; (X)	Inswing: $\pm 50$ Outswing: $\pm 50$	TX-4168
2	3'-0" x 6'-8" Glazed Fiberglass Single Door, Inswing & Outswing, w/ Sidelite (Continuous Head & Sill w/ Integral Mullion); (XO/OX)	Inswing: $\pm 50$ Outswing: $\pm 50$	TX-4169
3	3'-0" x 6'-8" Glazed Fiberglass Single Door, Inswing & Outswing, w/ Sidelites (Continuous Head & Sill w/ Integral Mullion); (OXO)	Inswing: $\pm 50$ Outswing: $\pm 50$	TX-4169

**General Description (continued):**

System	Description	Label Rating <sup>1</sup>	Drawing Number
4	6'-0" x 6'-8" Glazed Fiberglass Double Doors, Inswing & Outswing; (XX)	<u>DLP Astragal</u> Inswing: ± 50 Outswing: ± 50 <u>Columbia Astragal</u> Inswing: +40, -50 Outswing: ± 40	TX-4170
5	6'-0" x 6'-8" Glazed Fiberglass Double Doors, Inswing & Outswing w/ (Continuous Head & Sill w/ Integral Mullion); (OXXO)	<u>DLP Astragal</u> Inswing: ± 50 Outswing: ± 50	TX-4170

**Note:** <sup>1</sup> Maximum design pressure for Pamex lock and G4 glazing limited. Refer to the approved drawings for allowable design pressure limitations.

**Component Dimensions:**

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 37 1/2" x 81 3/4" Outswing: 37 1/2" x 80 3/8"	35 3/4" x 79"	20 1/2" x 62 5/8"
2	Inswing: 74 3/4" x 81 3/4" Outswing: 76 1/2" x 80 3/8"	35 3/4" x 79"	20 1/2" x 62 5/8"
3	Inswing: 112" x 81 3/4" Outswing: 112" x 80 3/8"	35 3/4" x 79"	20 1/2" x 62 5/8"
4	Inswing: 74" x 81 3/4" Outswing: 74" x 80 3/8"	35 3/4" x 79"	20 1/2" x 62 5/8"
5	Inswing: 148 5/8" x 81 3/4" Outswing: 148 5/8" x 80 3/8"	35 3/4" x 79"	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 ODL drawings TX-4168, TX-4169, and TX-4170, dated June 20, 2012, Revision 1 dated November 27, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on December 3, 2012.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	
	Kwikset Signature Series Lockset and Kwikset Signature Series 980 deadbolt; or Schlage Series F60 Lockset and Schlage Series B60/62 deadbolt or Pamex FT Series Lockset and Pamex FDT deadbolt	Refer to Hardware Table on page 2 of the drawings.	

**Product Identification (Certification Agency Label on Door):**

System		
1-5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	ODL, Inc. (Distributed by McCoy's Building Supply, San Marcos, TX)
	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 <b>Inland I</b> and <b>Seaward zone</b> . 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	Wood (G $\geq$ 0.42) or Concrete (minimum 3,000 psi)	
	Fasteners	The doors shall be installed and anchored in accordance with ODL drawings TX-4168, TX-4169, and TX-4170, dated June 20, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on August 8, 2012.	
	Fastener Embedment	Wood: Minimum of 1.15 inches into wood framing Concrete: Minimum of 1 $\frac{3}{4}$ inches into the concrete	
	Fastener Location/Spacing	Head	The doors shall be installed and anchored in accordance with ODL drawings TX-4168, TX-4169, and TX-4170, dated June 20, 2012, Revision 1 dated November 27, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on December 3, 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.