

Product Evaluation

DR557 | 1221

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-557

Effective Date: December 1, 2021

Re-evaluation Date: December 2025

Product Name: Glazed Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, Impact Resistant

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

Distributed By: McCoy's Building Supply
1350 Interstate Highway 35 North
San Marcos, TX 78667
(512) 395-6644

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door; X	+50 / -50 psf Missile Level D	TX-4168
2	3'-0" x 6'-8" Single Door w/ Pamex Lock System; X	Inswing: +40 / -50 psf Outswing: +40 / -40 psf Missile Level D	TX-4168

General Description:

System	Description	Label Rating	Drawing Number
3	3'-0" x 6'-8" Single Door w/ Sidelite; CHS, Integral Mullion; OX/XO, OXO	+50 / -50 psf Missile Level D	TX-4169
4	3'-0" x 6'-8" Single Door w/ Sidelite; CHS, Integral Mullion; w/Pamex Lock System; OX/XO, OXO	Inswing: +40 / -50 psf Outswing: +40 / -40 psf Missile Level D	TX-4169
5	6'-0" x 6'-8" Double Door w/ DLP Astragal; XX	+50 / -50 psf Missile Level D	TX-4170
6	6'-0" x 6'-8" Double Door w/ Columbia Astragal and Pamex Lock System; XX	Inswing: +40 / -50 psf Outswing: +40 / -40 psf Missile Level D	TX-4170
7	6'-0" x 6'-8" Double Door w/ Sidelites; CHS, Integral Mullion; OXXO	+50 / -50 psf Missile Level D	TX-4170
8	6'-0" x 6'-8" Double Door w/ Sidelites; CHS, Integral Mullion, w/ Pamex Lock System; OXXO	Inswing: +40 / -50 psf Outswing: +40 / -40 psf Missile Level D	TX-4170

Product Dimensions:

System	Maximum Overall Size	Operable Panel Size	Panel Daylight Opening Size
1-2	37-1/2" x 81-3/4"	35-3/4" x 79"	20-5/8" x 62-5/8"
3-4	112" x 81-3/4"	35-3/4" x 79"	20-5/8" x 62-5/8"
5-6	74" x 81-3/4"	35-3/4" x 79"	20-5/8" x 62-5/8"
7-8	148-5/8" x 81-3/4"	35-3/4" x 79"	20-5/8" x 62-5/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-4	Hinges	3	Install in accordance with drawing No. TX-4168 and TX-4169, dated June 20, 2012. Revision 4 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 3, 2021.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) OR Knob: Schlage F Series (F60) Deadbolt: Schlage B Series (B60/62) OR Knob: Pamex FT Series Deadbolt: Pamex FD7 Series	1 each	
	Latch and Deadbolt strike plate	1 each	

Components and Hardware:

System	Component	Quantity	Attachment Method
5-8	Hinges	3	Install in accordance with drawing No. TX-4170, dated June 20, 2012. Revision 4 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 3, 2021.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) OR Knob: Schlage F Series (F60) Deadbolt: Schlage B Series (B60/62) OR Knob: Pamex FT Series Deadbolt: Pamex FD7 Series	1 each	
	Latch and Deadbolt strike plate	1 each	
	Astragal strike plate	1	

NOTE: Maximum design pressure limited for Pamex hardware. Refer to approved drawings for allowable design pressure limitations.

Product Identification (Manufacturer Label on Door):

System		
1-4	Manufacturer's name	ODL Inc.
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Impact Resistant Door Panels, Singles, w/ & w/out Impact Resistant Sidelites
	Test standards	ASTM E330-14 ASTM E1886-13a/E1996-14a; Missile Level D
5-8	Manufacturer's name	ODL Inc.
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Impact Resistant Door Panels, Doubles, w/ & w/out Impact Resistant Sidelites
	Test standards	ASTM E330-14 ASTM E1886-13a/E1996-14a; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-8	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	
1-8	Type of installation
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with drawing No. TX-4168 through TX-4170, dated June 20, 2012. Revision 4 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 3, 2021.	

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.