

Product Evaluation

DR692 | 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-692

Effective Date: December 1, 2021

Re-evaluation Date: December 2025

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

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

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door; X	+45 / -50 psf Missile Level D	TX-4372
2	3'-0" x 6'-8" Single Door w/ Boxed Sidelites, Combination Reinforced Mullion; OX/XO, OXO	+45 / -50 psf Missile Level D	TX-4373
3	3'-0" x 6'-8" Single Door w/ Sidelites; CHS, Integral Mullion; OX/XO, OXO	+45 / -50 psf Missile Level D	TX-4374
4	6'-0" x 6'-8" Double Door; XX	+45 / -50 psf Missile Level D	TX-4372

General Description:

System	Description	Label Rating	Drawing Number
5	6'-0" x 6'-8" Double Door w/ Boxed Sidelites, Combination Mullion; OXXO	+45 / -50 psf Missile Level D	TX-4373
6	6'-0" x 6'-8" Double Door w/ Sidelites; CHS, Integral Mullion; OXXO	+45 / -50 psf Missile Level D	TX-4375
7	3'-0" x 8'-0" Single Door; X	+35 / -40 psf Missile Level D	TX-4376
8	3'-0" x 8'-0" Single Door w/ Boxed Sidelites, Combination Reinforced Mullion; OX/XO, OXO	+35 / -40 psf Missile Level D	TX-4377
9	3'-0" x 8'-0" Single Door w/ Sidelites; CHS, Integral Mullion; OX/XO, OXO	+35 / -40 psf Missile Level D	TX-4378
10	6'-0" x 8'-0" Double Door; XX	+35 / -40 psf Missile Level D	TX-4376
11	6'-0" x 8'-0" Double Door w/ Boxed Sidelites, Combination Mullion; OXXO	+35 / -40 psf Missile Level D	TX-4377
12	6'-0" x 8'-0" Double Door w/ Sidelites; CHS, Integral Mullion; OXXO	+35 / -40 psf Missile Level D	TX-4379

Product Dimensions:

System	Overall Size	Operable Panel Size	Door/Sidelite Panel Daylight Opening Size
1	37-3/4" x 82"	35-3/4" x 79-1/4"	20-5/8" x 62-5/8"
2	115-3/4" x 82"	35-3/4" x 79-1/4"	20-5/8" x 62-5/8"
3	112" x 81-3/4"	35-3/4" x 79-1/4"	20-5/8" x 62-5/8"
4	74-1/2" x 82"	35-3/4" x 79-1/4"	20-5/8" x 62-5/8"
5	149-1/2" x 82"	35-3/4" x 79-1/4"	20-5/8" x 62-5/8"
6	148-5/8" x 81-3/4"	35-3/4" x 79-1/4"	20-5/8" x 62-5/8"
7	37-3/4" x 98"	35-3/4" x 95-1/4"	20-5/8" x 78-5/8"
8	115-3/4" x 98"	35-3/4" x 95-1/4"	20-5/8" x 78-5/8"
9	112" x 98"	35-3/4" x 95-1/4"	20-5/8" x 78-5/8"
10	74-1/2" x 98"	35-3/4" x 95-1/4"	20-5/8" x 78-5/8"
11	149-1/2" x 98"	35-3/4" x 95-1/4"	20-5/8" x 78-5/8"
12	148-3/4" x 98"	35-3/4" x 95-1/4"	20-5/8" x 78-5/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-6	Hinges	3	Install hardware in accordance with drawing No. TX-4372 through TX-4375, dated June 13, 2013. Revision 3 dated October 26, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 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 plates	1 each	
	Astragal strike plate (Systems 4-6 ONLY)	1	
7-12	Hinges	4	Install hardware in accordance with drawing No. TX-4376 through TX-4379, dated June 13, 2013. Revision 3 dated October 26, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 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 plates	1 each	
	Astragal strike plate (Systems 10-12 ONLY)	1	

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

Product Identification (Manufacturer Label on Door):

System		
1-3, 7-9	Manufacturer's name	ODL, Inc.
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing, Impact resistant Door Panels, Singles, w/ & w/out Impact Resistant Sidelites
	Test standards	ASTM E330-14 ASTM E1886-13a/E1996-14a Missile Level D

Product Identification (Manufacturer Label on Door):

System		
4-6, 10-12	Manufacturer's name	ODL, Inc.
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing, 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
1-12	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		
1-12	Type of installation	Install in accordance with drawing No. TX-4372 through TX-4379, dated June 13, 2013. Revision 3 dated October 26, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.
	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 and the IBC.