TDI | Texas Department of Insurance

PO Box 12030 | Austin, TX 78711 | 800-578-4677 | tdi.texas.gov

Product Evaluation

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 1-800-248-6032.

Evaluation ID: DR-625

Effective Date: December 1, 2021
Re-evaluation Date: December 2025

Product Name: 8'-0" Fiberglass Glazed Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with and without Sidelites, Impact Resistant

Manufacturer: ODL, Inc.
215 East Roosevelt Avenue
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[1]	Drawing Number
1	3'-0" x 8'-0" Glazed Fiberglass Single Doors, Inswing & Outswing; (X)	Inswing: +35 / -40 psf Outswing: +35 / -35 psf Missile Level D	TX-4280

General Description (Continued):

System	Description	Label Rating[1]	Drawing Number
2	3'-0" x 8'-0" Glazed Fiberglass Single Doors w/ Sidelites, Inswing & Outswing; Continuous Head & Sill w/ Integral Mullion (OX/XO)	Inswing: +35 / -40 psf Outswing: +35 / -35 psf Missile Level D	TX-4281
3	3'-0" x 8'-0" Glazed Fiberglass Single Doors w/ Sidelites, Inswing & Outswing; Continuous Head & Sill w/ Integral Mullion; (OXO)	Inswing: +35 / -40 psf Outswing: +35 / -35 psf Missile Level D	TX-4281
4	6'-0" x 8'-0" Glazed Fiberglass Double Doors, Inswing & Outswing; (XX)	<u>Columbia Astragal</u> Inswing: +30 / -30 psf Outswing: +30 / -30 psf <u>DLP Astragal</u> Inswing: +30 / -35 psf Outswing: +30 / -30 psf Missile Level D	TX-4282
5	6'-0" x 8'-0" Glazed Fiberglass Double Doors, Inswing & Outswing, Continuous Head & Sill w/ Integral Mullion; (OXXO)	<u>DLP Astragal</u> Inswing: +30 / -30 psf Outswing: +30 / -30 psf Missile Level D	TX-4282

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 37.5" x 98" Outswing: 37.5" x 96.5"	35.75" x 95"	20-5/8" x 78-5/8"
2	Inswing: 74.75" x 98" Outswing: 74.75" x 96.5"	35.75" x 95"	20-5/8" x 78-5/8"
3	Inswing: 112" x 98" Outswing: 112" x 96.5"	35.75" x 95"	20-5/8" x 78-5/8"
4	Inswing: 74" x 98" Outswing: 74" x 96.5"	35.75" x 95"	20-5/8" x 78-5/8"
5	Inswing: 148.75" x 98" Outswing: 148.75" x 96.5"	35.75" x 95"	20-5/8" x 78-5/8"

Hardware:

System	Component	Quantity	Attachment method
1	4" Butt Hinges	4	Install in accordance with ODL drawings TX-4280, dated November 28, 2012, Revision 3 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.
1	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) **OR** Knob: Pamex FT Series Deadbolt: FD7 Series	1 each	Install in accordance with ODL drawings TX-4280, dated November 28, 2012, Revision 3 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.
2-3	4" Butt Hinges	4	Install in accordance with ODL drawings TX-4281, dated November 28, 2012, Revision 3 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.
2-3	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) **OR** Knob: Pamex FT Series Deadbolt: FD7 Series	1 each	Install in accordance with ODL drawings TX-4281, dated November 28, 2012, Revision 3 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.
4-5	4" Butt Hinges	4	Install in accordance with ODL drawings TX-4282, dated November 28, 2012, Revision 3 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.
4-5	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) **OR** Knob: Pamex FT Series Deadbolt: FD7 Series	1 each	Install in accordance with ODL drawings TX-4282, dated November 28, 2012, Revision 3 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.

Product Identification (Manufacturer Label on Door):

System		
1-3	Certification agency	Self-labeled by manufacturer
1-3	Manufacturer's name or code name	ODL Inc. (Distributed by McCoy's Building Supply, San Marcos, TX)
1-3	Product name	Glazed Fiberglass Side-Hinged Doors, Inswing/Outswing, Impact Resistant Door Panels, Singles, w & w/out Impact Resistant Sidelites
1-3	Drawing	TX-4280, TX-4281
1-3	Test standards	ASTM E 1886-13a/ 1996-14a ASTM E 330-14 Missile Level D

Product Identification (Manufacturer Label on Door) - Continued:

System		
4-5	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 Side-Hinged Doors, Inswing/Outswing, Impact Resistant Door Panels, Doubles, w & w/out Impact Resistant Sidelites
	Drawing	TX-4282
	Test standards	ASTM E 1886-13a/ 1996-14a ASTM E 330-14 Missile Level D

Impact Resistance:

System	Impact resistant	Requirement
1-5	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		
1-5	Type of installation	Install in accordance with ODL drawings TX-4280, TX-4281, and TX-4282, dated November 28, 2018, Revision 3 dated October 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 4, 2021.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener Location/Spacing	

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.