

Product Evaluation

DR619 | 0121

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-619

Effective Date: January 1, 2021

Re-evaluation Date: January 2025

Product Name: 6'-8" and 8'-0" Glazed Fiberglass Side Hinged Doors, Inswing, Singles and Doubles, with or without Sidelites, Non-Impact Resistant

Manufacturer: Taylor Entrance Systems
631 N. First Street
West Branch, MI 48661
(989) 345-5110

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door; X	+55 / -60 psf	TX-4518
2	3'-0" x 6'-8" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion; OX, XO	+55 / -60 psf	TX-4518
3	3'-0" x 6'-8" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXO	+55 / -60 psf	TX-4518
4	6'-0" x 6'-8" Double Door; XX	+55 / -60 psf	TX-4519
5	6'-0" x 6'-8" Double Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXXO	+55 / -60 psf	TX-4519
6	3'-0" x 8'-0" Single Door; X	+40 / -45 psf	TX-4520
7	3'-0" x 8'-0" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion; OX, XO	+40 / -45 psf	TX-4520

General Description:

System	Description	Label Rating	Drawing Number
8	3'-0" x 8'-0" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXO	+40 / -45 psf	TX-4520
9	6'-0" x 8'-0" Double Door; XX	+45 / -45 psf	TX-4521
10	6'-0" x 8'-0" Double Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXXO	+45 / -45 psf	TX-4521

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	37-1/2" x 81-3/4"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: N/A
2	58.07" x 81-3/4"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: 7" x 63-1/8"
3	78-5/8" x 81-3/4"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: 7" x 63-1/8"
4	74" x 81-3/4"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: N/A
5	115-1/8" x 81-3/4"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: 7" x 63-1/8"
6	37-1/2" x 98"	35-3/4" x 95-1/4"	Door: 21-1/8" x 63-1/8" Sidelite: N/A
7	58.07" x 98"	35-3/4" x 95-1/4"	Door: 21-1/8" x 63-1/8" Sidelite: 7" x 63-1/8"
8	78-5/8" x 98"	35-3/4" x 95-1/4"	Door: 21-1/8" x 63-1/8" Sidelite: 7" x 63-1/8"
9	74" x 98"	35-3/4" x 95-1/4"	Door: 21-1/8" x 63-1/8" Sidelite: N/A
10	115-1/8" x 98"	35-3/4" x 95-1/4"	Door: 21-1/8" x 63-1/8" Sidelite: 7" x 63-1/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-10	Hinges	3 (6'8" doors) 4 (8'0" doors)	Install hardware in accordance with Taylor Entrance Systems drawings No. TX-4518, TX-4519, TX-4520, and TX-4521, dated November 26, 2014. Revision 1 dated July 14, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on July 15, 2020.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) OR Knob: Kwikset Series Deadbolt: Kwikset Series (660) OR Knob: Schlage F Series Deadbolt: Schlage B Series	1 each	
	Latch & Deadbolt strike plates	1 each	
	Astragal strike plate (Systems 4-5, 9-10 only)	1	

Product Identification (Manufacturer Label on Window):

System		
1-10	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	Glazed Fiberglass Side Hinged Doors, Inswing, Singles & Doubles w/ or w/out Sidelites, Non-Impact Resistant
	Test Standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-10	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations in this report.

Installation:

System		
1-10	Type of Installation	Install in accordance with Taylor Entrance Systems drawings No. TX-4518, TX-4519, TX-4520, and TX-4521, dated November 26, 2014. Revision 1 dated July 14, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on July 15, 2020.
	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.