

Product Evaluation

DR618 | 1220

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-618

Effective Date: December 1, 2020

Re-evaluation Date: December 2024

Product Name: 6'-8" and 8'-0" Opaque 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 w/ Boxed Sidelite & Combination Reinforced Mullion; OX, XO	+55 / -60 psf	TX-4514
2	3'-0" x 6'-8" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXO	+55 / -60 psf	TX-4514
3	6'-0" x 6'-8" Double Door; XX	+55 / -60 psf	TX-4515
4	6'-0" x 6'-8" Double Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXXO	+55 / -60 psf	TX-4515

General Description (Continued):

System	Description	Label Rating	Drawing Number
5	3'-0" x 8'-0" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion; OX, XO	+55 / -60 psf	TX-4516
6	3'-0" x 8'-0" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXO	+55 / -60 psf	TX-4516
7	6'-0" x 8'-0" Double Door; XX	+45 / -45 psf	TX-4517
8	6'-0" x 8'-0" Double Door w/ Boxed Sidelites & Combination Reinforced Mullions; OXXO	+45 / -45 psf	TX-4517

Product Dimensions:

System	Overall Size	Operable Panel Size	Sidelite Panel Daylight Opening Size
1	58-1/16" x 81-3/4"	35-3/4" x 79"	7" x 63-1/8"
2	78-5/8" x 81-3/4"	35-3/4" x 79"	7" x 63-1/8"
3	74" x 81-3/4"	35-3/4" x 79"	N/A
4	115-1/8" x 81-3/4"	35-3/4" x 79"	7" x 63-1/8"
5	58-1/16" x 98"	35-3/4" x 95"	7" x 63-1/8"
6	78-5/8" x 98"	35-3/4" x 95"	7" x 63-1/8"
7	74" x 98"	35-3/4" x 95"	N/A
8	115-1/8" x 98"	35-3/4" x 95"	7" x 63-1/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-8	Hinges	3 (6'8" doors) 4 (8'0" doors)	Install hardware in accordance with Taylor Entrance Systems drawing No. TX-4514 through TX-4517, dated November 26, 2014. Revision 1 dated July 6, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on July 6, 2020.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) OR Knob: Kwikset Series Deadbolt: Kwikset Series (660) (Systems 1-4 ONLY) OR Knob: Schlage F Series Deadbolt: Schlage B Series OR Knob & Deadbolt: Copper Creek E-Series	1 each	
	Latch and Deadbolt security strike plates	1 each	

Product Identification (Manufacturer Label on Door):

System		
1-8	Manufacturer's name	Taylor Entrance Systems
	Product name	Opaque 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
1-8	No	Provide an impact protective system when installing the product in areas that require windborne debris.

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

Installation:

System		
1-8	Type of installation	Install in accordance with Taylor Entrance Systems drawing No. TX-4514 through TX-4517, dated November 26, 2014. Revision 1 dated July 6, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on July 6, 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.