



Product Evaluation

DR619 | 0116

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, 2016

Re-evaluation Date: January 2020

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

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

General Description:

System	Description	Design Pressure Rating	Drawing Number
1	6'-8" Glazed Fiberglass Single Door; Inswing; (X)	Inswing +55/-60 psf	TX-4518
2	6'-8" Glazed Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)	Inswing +55/-60 psf	TX-4518
3	6'-8" Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullions, Inswing; (OXO)	Inswing +55/-60 psf	TX-4518
4	6'-8" Glazed Fiberglass Double Door; Inswing; (XX)	Inswing +55/-60 psf	TX-4519
5	6'-8" Glazed Fiberglass Double Door w/ Sidelites, Inswing; (OXXO)	Inswing +55/-60 psf	TX-4519

General Description (continued):

System	Description	Design Pressure Rating	Drawing Number
6	8'-0" Glazed Steel Single Door; Inswing; (X)	Inswing +40/-45 psf	TX-4520
7	8'-0" Glazed Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)	Inswing +40/-45 psf	TX-4520
8	8'-0" Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullions, Inswing; (OXO)	Inswing +40/-45 psf	TX-4520
9	8'-0" Glazed Fiberglass Double Door; Inswing; (XX)	Inswing +45/-45 psf	TX-4521
10	8'-0" Glazed Fiberglass Double Door w/ Sidelites, Inswing; (OXXO)	Inswing +45/-45 psf	TX-4521

Product Dimensions – Doors:

System	Overall Size	Panel Size	Daylight Opening Size
1	Inswing 37.5" x 81.75"	Door: 35.75" x 79"	Door: 21.12" x 63.12"
2	Inswing 58.07" x 81.75"	Door: 35.75" x 79" Sidelite: 17.56" x 79.25"	Door: 21.12" x 63.12" Sidelite: 7" x 63.12"
3	Inswing 78.63" x 81.75"	Door: 35.75" x 79.25" Sidelite: 17.56" x 79.25"	Door: 21.12" x 63.12" Sidelite: 7" x 63.12"
4	Inswing 74" x 81.75"	Door: 35.75" x 79.25"	Door: 21.12" x 63.12"
5	Inswing 115.13" x 81.75"	Door: 35.75" x 79" Sidelite: 17.56" x 79.25"	Door: 21.12" x 63.12" Sidelite: 7" x 63.12"
6	Inswing 37.5" x 98"	Door: 35.75" x 95.25"	Door: 21.12" x 63.12"
7	Inswing 58.07" x 98"	Door: 35.75" x 95.25" Sidelite: 17.56" x 95"	Door: 21.12" x 63.12" Sidelite: 7" x 63.12"
8	Inswing 78.63" x 98"	Door: 35.75" x 95.25" Sidelite: 17.56" x 95"	Door: 21.12" x 63.12" Sidelite: 7" x 63.12"
9	Inswing 74" x 98"	Door: 35.75" x 95.25"	Door: 21.12" x 63.12"
10	Inswing 115.13" x 98"	Door: 35.75" x 95.25" Sidelite: 17.56" x 95"	Door: 21.12" x 63.12" Sidelite: 7" x 63.12"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3 (6'-8" doors)	Hardware and components shall be installed in accordance with Taylor Entrance Systems, drawings TX-4518, 4519, 4520 and TX-4521 dated November 26, 2014, signed and sealed by Lyndon F. Schmidt, P.E. on November 26, 2014.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	
	Kwikset Signature Series or Kwikset Series or Schlage "F" Series (F10) lockset	1	
	Kwikset Signature Series (980) or Kwikset Series (660) or Schlage "B" Series (B60/62) deadbolt		
6-8	4" Butt Hinges	4	
	Lock and deadbolt strike plate	1 per lockset & deadbolt	
	Kwikset Series or Kwikset Signature Series or Schlage "F" Series or Copper Creek E-Series lockset	1	
	Kwikset Series (660) or Kwikset Signature Series (980) or Schlage "B" Series or Copper Creek E-Series deadbolt	1	
9-10	4" Butt Hinges	4	
	Lock and deadbolt strike plate	1 per lockset & deadbolt	
	Kwikset Signature Series or Schlage "F" Series or Copper Creek E-Series lockset	1	
	Kwikset Signature Series (980) or Schlage "B" Series Copper Creek E-Series deadbolt	1	

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	6'-8" Glazed Fiberglass Single Door; Inswing; (X)
	Drawing	TX-4518
	Test Standards	ASTM E 330-02
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	6'-8" Glazed Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)
	Drawing	TX-4518
	Test Standards	ASTM E 330-02
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	6'-8" Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullions, Inswing; (OXO)
	Drawing	TX-4518
	Test Standards	ASTM E 330-02
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	6'-8" Glazed Fiberglass Double Door; Inswing; (XX)
	Drawing	TX-4519
	Test Standards	ASTM E 330-02
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	6'-8" Glazed Fiberglass Double Door w/ Sidelites, Inswing; (OXXO)
	Drawing	TX-4519
	Test Standards	ASTM E 330-02

Product Identification (Manufacturer Produced Label on Door) continued:

System		
6	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	8'-0" Glazed Fiberglass Single Door; Inswing; (X)
	Drawing	TX-4520
	Test Standards	ASTM E 330-02
7	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	8'-0" Glazed Fiberglass Single Door w/ Boxed Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)
	Drawing	TX-4520
	Test Standards	ASTM E 330-02
8	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	8'-0" Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullions, Inswing; (OXO)
	Drawing	TX-4520
	Test Standards	ASTM E 330-02
9	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	8'-0" Glazed Fiberglass Double Door; Inswing; (XX)
	Drawing	TX-4521
	Test Standards	ASTM E 330-02
10	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	8'-0" Glazed Fiberglass Double Door w/ Sidelites, Inswing; (OXXO)
	Drawing	TX-4521
	Test Standards	ASTM E 330-02

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.

Installation:

System			
1-10	Type of Installation	Door Frame	
	Wall Framing	Wood ($G \geq 0.42$) or Concrete (minimum 3,000 psi)	
	Fasteners	Minimum No. 10 x 2-1/2" PFH wood screws 1/4" ELCO or ITW concrete screws	
	Fastener Embedment	Wood: Minimum of 1.15 inches into the wall framing Wood or Concrete: Minimum of 1-3/4 inches into the sill	
	Fastener Location/Spacing	Head Sill Side Jambs Hinges	The doors shall be installed and anchored in accordance with Taylor Entrance Systems, drawings TX-4518, 4519, 4520 and TX-4521 dated November 26, 2014, signed and sealed by Lyndon F. Schmidt, P.E. on November 26, 2014.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.