



Product Evaluation

DR618 | 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-618

Effective Date: January 1, 2016

Re-evaluation Date: January 2020

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

General Description (continued):

System	Description	Design Pressure Rating	Drawing Number
5	8'-0" Opaque Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)	Inswing +55/-60 psf	TX-4516
6	8'-0" Opaque Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullions, Inswing; (OXO)	Inswing +55/-60 psf	TX-4516
7	8'-0" Opaque Fiberglass Double Door; Inswing; (XX)	Inswing +45/-45 psf	TX-4517
8	8'-0" Opaque Fiberglass Double Door w/ Sidelites, Inswing; (OXXO)	Inswing +45/-45 psf	TX-4517

Product Dimensions – Doors:

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

Components and Hardware:

System	Component	Quantity	Attachment Method
1-4	4" Butt Hinges	3 (6'-8" doors)	Install hardware and components in accordance with Taylor Entrance Systems, drawings TX-4514, 4515, 4516 and TX-4517 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 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 Copper Creek E-Series deadbolt		
5-8	4" Butt Hinges	4 (8'-0" doors)	
	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" Opaque Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)
	Drawing	TX-4514
	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" Opaque Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullions, Inswing; (OXO)
	Drawing	TX-4514
	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" Opaque Fiberglass Double Door; Inswing; (XX)
	Drawing	TX-4515
	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" Opaque Fiberglass Double Door w/ Sidelites, Inswing; (OXXO)
	Drawing	TX-4515
	Test Standards	ASTM E 330-02
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	8'-0" Opaque Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX / XO)
	Drawing	TX-4516
	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" Opaque Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullions, Inswing; (OXO)
	Drawing	TX-4516
	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" Opaque Fiberglass Double Door; Inswing; (XX)
	Drawing	TX-4517
	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" Opaque Fiberglass Double Door w/ Sidelites, Inswing; (OXXO)
	Drawing	TX-4517
	Test Standards	ASTM E 330-02

Impact Resistance:

System	Impact Resistant	Requirement
1-8	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System			
1-8	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" into the wall framing Wood or Concrete: Minimum of 1-3/4" into the sill	
	Fastener Location/Spacing	Head	Install and anchor the doors in accordance with Taylor Entrance Systems, drawings TX-4514, 4515, 4516 and TX-4517 dated November 26, 2014, signed and sealed by Lyndon F. Schmidt, P.E. on November 26, 2014.
		Sill	
Side Jambs			
Hinges			

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.