



# Product Evaluation

DR606 | 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-606

**Effective Date:** January 1, 2016

**Re-evaluation Date:** January 2020

**Product Name:** 6'-8" and 8'-0" Single Opaque Fiberglass Entry Doors, Inswing and Outswing, 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" Single Opaque Fiberglass Door; Inswing/Outswing; (X)	Inswing +100/-100 psf Outswing +100/-100 psf	TX-4512
2	8'-0" Opaque Fiberglass Single Door; Inswing/Outswing; (X)	Inswing +65/-65 psf Outswing +70/-70 psf	TX-4513

### Product Dimensions – Doors:

System	Overall Size	Panel Size
1	Inswing 37.5" x 81.75" Outswing: 37.5" x 80.25"	35.75" x 79"
2	Inswing 37.5" x 98" Outswing: 37.5" x 96.375"	35.75" x 95"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-2	4" Butt Hinges	3 (6'-8" doors) 4 (8'-0" doors)	Hardware shall be installed in accordance with Taylor Entrance Systems drawings TX-4512 & TX-4513, 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 Schlage "F" Series (F10) lockset	1	
	Kwikset Signature Series (980) or Schlage "B" Series (B60/62) deadbolt		

**Product Identification (Certification Agency Label on Door):**

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems, West Branch, MI
	Product Name	Opaque Fiberglass Single Door (Timberline Deluxe)
	Test Standards	ASTM E330-02 and ASTM E 1886-05/E1996-05
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems, West Branch, MI
	Product Name	Opaque Fiberglass Single Door (Timberline Deluxe)
	Test Standards	ASTM E330-02 and ASTM E 1886-05/E1996-05

**Impact Resistance:**

System	Impact Resistant	Requirement
1-2	Yes	The doors satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the doors at any height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

System				
1-2	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	The doors shall be installed and anchored in accordance with Taylor Entrance Systems drawings TX-4512 & TX-4513, 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.