

Product Evaluation

DR964 | 1223

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-964

Effective Date: December 1, 2023

Re-evaluation Date: December 2027

Product Name: 3'-6" x 7'-0" Steel Opaque Side Hinged Doors, Inswing and Outswing, Singles, 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'-6" x 7'-0" Opaque Steel Single Door, Inswing/Outswing; (OXO)	Inswing: +60 / -60 psf Outswing: +60 / -60 psf	TX-4784

Product Dimensions:

System	Overall Size	Door Panel Size	Maximum Glass Daylight Opening Size
1	Inswing: 45-1/2" x 85-3/4" Outswing: 45-1/2" x 85-3/4"	41-3/4" x 82-15/16"	N/A

Hardware:

System	Component	Quantity	Attachment Method
1	4" Steel Barrel Hinges	3	Hardware to be installed in accordance w/ Taylor Entrance Systems drawing TX-4784, dated March 8, 2018, revision No.1, signed & sealed by Lyndon F. Schmidt, P.E. on August 23, 2023.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) or Knob: Schlage "F" Series Deadbolt: Schlage "B" Series (60/62)	1 each	

Sill: As specified on the approved drawings.

Product Identification (Self-Labeled by Manufacturer):

System		
1	Certification Agency	Self-Labeled by Manufacturer
	Manufacturer's Name or Code Name	Taylor Entrance Systems
	Product Name	Opaque Steel Doors, Inswing/Outswing, Impact Resistant Door Panels, Singles 3'-6" x 7'-0" Opaque Steel Single Door
	Drawing	TX-4784
	Test Standards	ASTM E 330-02 ASTM E 1886-04, ASTM E 1996-04 Missile Level D

Compliance: The products comply with ASTM E 330-14, ASTM E 1886-13a, and ASTM E 1996-14a as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

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

Installation:

System		
1	Type of Installation	Hardware to be installed in accordance w/ Taylor Entrance Systems drawing TX-4784, dated March 8, 2018, revision No.1, signed & sealed by Lyndon F. Schmidt, P.E. on August 23, 2023.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

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.