

Product Evaluation

DR982 | 0322

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-982

Effective Date: March 1, 2022

Re-evaluation Date: March 2026

Product Name: 8'0" Hurricane Series Opaque or Glazed Fiberglass Side Hinged Doors, Outswing, Singles and Doubles, Non-Impact Resistant

Manufacturer: Tiger Door
1811 Garden Street
Greensburg, PA 15601
(513) 603-2975

General Description:

System	Description	Label Rating	Drawing Number
1	4'-0" x 8'-0" Single Door; X	+100 / -100 psf	TX-4844
2	8'-0" x 8'-0" Double Door w/ Removable Mullion; XX	+45 / -45 psf	TX-4845
3	8'-0" x 8'-0" Double Door w/ Surface Bolts; XX	+90 / -90 psf	TX-4846

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	52" x 98"	46-3/4" x 95-1/2"	37-1/4" x 25-1/4"
2	100" x 98"	46-3/4" x 95-1/2"	37-1/4" x 25-1/4"
3	100" x 98"	47-13/16" x 95-1/2"	37-1/4" x 25-1/4"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-2	Hinges	4	Install in accordance with drawing No. TX-4844 and TX-4845, dated May 14, 2018. Revision 1 dated January 19, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on January 19, 2022.
	Schlage L 9000 Series Mortise Lock with Sargent 480 Series Deadbolt	1 each	
	Latch and deadbolt strike plate	1 each	
3	Hinges	4	Install in accordance with drawing No. TX-4846, dated May 14, 2018. Revision 1 dated January 19, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on January 19, 2022.
	Schlage L 9000 Series Mortise Lock with Sargent 480 Series Deadbolt	1 each	
	Latch and deadbolt strike plate	1 each	
	Rockwood 580-8 Surface Bolts	4	
	Rockwood 556WS Flush Bolts	2	

Product Identification (Manufacturer Label on Door):

System		
1-3	Manufacturer's name or code name	Tiger Door
	Product name	Opaque or Glazed Tiger Fiberglass Side Hinged Doors, Outswing, Non-Imp Resistant Door Panels, Singles & Doubles
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1-3	Type of installation	Install in accordance with drawing No. TX-4844 through TX-4846, dated May 14, 2018. Revision 1 dated January 19, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on January 19, 2022.
	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.