

Product Evaluation

DR464 | 0423

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-464

Effective Date: April 1, 2023

Re-evaluation Date: June 2025

Product Name: Commercial Steel Hinged Doors, Flush, Glazed, and Louvered, Outswing, Singles and Doubles, Impact Resistant

Manufacturer: Schlage Lock Company LLC, Steelcraft Mfg. Co.
9017 Blue Ash Road
Cincinnati, OH 45242
(513) 745-6400

General Description:

System	Description	Label rating	Drawing Number
1	Commercial Steel Hinged Doors; Flush; Outswing; Single (X)	As specified on the approved drawings	IRFS07-T
2	Commercial Steel Hinged Doors; Flush; Outswing; Double (XX)		IRFD07-T
3	Commercial Steel Hinged Doors; Glazed; Outswing; Single (X)		IRGS07-T
4	Commercial Steel Hinged Doors; Glazed; Outswing; Double (XX)		IRGD07-T
5	Commercial Steel Hinged Doors; w/ Louvers; Outswing; Single (X)	+60 / -60 psf	T882W-2S
6	Commercial Steel Hinged Doors; w/ Louvers; Outswing; Double (XX)	+60 / -60 psf	T882W-2D

Component Dimensions:

System	Overall size	Max. Door Opening Size	Maximum Daylight Opening Size
1	52" x 100"	48" x 96"	N/A
2	100" x 100"	96" x 96"	N/A
3	52" x 100"	48" x 96"	34.25" x 74.5"
4	100" x 100"	96" x 96"	34.25" x 74.5"
5	52" x 100"	48" x 96"	Door: N/A Max Louver Size: 37.8125" x 78"
6	100" x 100"	96" x 96"	Door: N/A Max Louver Size: 37.8125" x 78"

Components and Hardware:

Requirements for hardware, including components such as locks, dead bolts, vertical rods, exit devices, surface bolts, strike plates, and hinges are specified on the approved drawings.

Product Identification (Manufacturer Label on Door):

System		
1-2	Certification agency	Self-labeled by manufacturer
	Manufacturer's name or code name	Schlage Lock Company LLC, Steelcraft
	Product name	Commercial Steel Flush Door
	Drawing	IRFS07-T, IRFD07-T
	Test standards	TAS 201-94/202-94/203-94 Large Missile Impact Rated
3-4	Certification agency	Self-labeled by manufacturer
	Manufacturer's name or code name	Schlage Lock Company LLC, Steelcraft
	Product name	Commercial Steel Glazed Door
		IRGS07-T, IRGD07-T
	Test standards	TAS 201-94/202-94/203-94 Large Missile Impact Rated
5-6	Certification agency	Self-labeled by manufacturer
	Manufacturer's name or code name	Schlage Lock Company LLC, Steelcraft
	Product name	Commercial Steel Louvered Door
	Drawing	T882W-2S, T882W-2D
	Test standards	TAS 201-94/202-94/203-94 Large Missile Impact Rated

Compliance: The doors comply with ASTM E 330-14, ASTM E 1886-13a, and ASTM E 1996-14a.

Impact Resistance:

System	Impact Resistant	Requirement
1-6	Yes	These products satisfy TDI's criteria for protection from windborne debris. They passed the equivalent of Missile Level D in ASTM E 1996-14a. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies. On essential facilities as defined in the IBC, the doors may not be installed at a height of less than 30 feet on the structure.

Installation:

System		
1-6	Type of installation	Install in accordance with Schlage Lock Company, LLC drawings No. IRFD07-T SS (dated June 14, 2022), IRFS07-T (dated June 14, 2022), IRGD07-T (dated June 14, 2022), IRGS07-T (dated June 15, 2022), T882W-2S (dated June 21, 2022), and T882W-2D (dated June 21, 2022). All signed and sealed by Hermes F. Norero, P.E. on December 4, 2022.
	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.