

Product Evaluation

DR1280 | 0724

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: DR1280

Effective Date:

July 1, 2024

Re-evaluation Date:

June 2028

Product Name: Ironhaus Series – Midtown and Metro French Steel, In-Swing, Double Entry Door, Non-Impact Resistant

Manufacturer: Ironhaus Doors, LLC
2921 Suffolk Drive, Suite 420
Ft. Worth, TX 76133
(682) 285-9989

General Description:

System	Description	Label Rating
1	7'-4" x 8'-2" Steel Double Door, Inswing; (XX)	+58 / -58 psf

Product Dimensions:

System	Overall Size	Active Panel Size	In-Active Panel Size
1	88" x 98"	42-3/4" x 95"	42-7/8" x 95"

Components and Hardware:

- **Hinges:** 9-1/2" long half barrel; 2 each panel; Located 14-1/2" on center from each end.
- **Deadbolt:** American Standard, one required for active panel; Located 43-1/2" from bottom of panel.
- **Handle Lock Set:** American Standard, one required for active panel; Located 38-0" from bottom of panel.
- **Flush Bolt:** At head and sill of in-active panel; Two required.
- **Brass Surface Bolt:** At head and sill of active panel; Two required.

Product Identification (Manufacturer Label on Door):

System		
1	Certification Agency	Self-Labeled
	Manufacturer's Name or Code Name	Ironhaus Doors
	Product name	Iron Doors Series Midtown, Metro
	Drawing	N/A
	Test standards	ASTM E330-14

Impact Resistance:

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

Installation:

System		
1	Type of installation	Frame Installation
	Wall framing	Southern Yellow Pine Dimension Lumber
	Fasteners	Eight (8) 3/8" x 3" long lag bolts.
	Fastener location/spacing	3" x 3" x 1/4" steel angles pre-welded to the exterior lateral face of the door jambs and center of frame head. One fastener per anchor.
	Fastener penetration	2-3/4" minimum

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.