

## FIRE DOOR LISTING PROGRAM

Customer: Masonite Architectural  
 Class: Fire Doors  
 Location: Marshfield, WI  
 Website: [www.masonitearchitectural.com](http://www.masonitearchitectural.com)

Listing No. F487  
 Project No. F487-1 Edition 1

Effective Date: May 7, 2024  
 Last Revised: May 7, 2024

Standards:	CAN/ULC-S104 UL 10(b) UL 10(c) NFPA 252	<i>Standard Method for Fire Tests of Door Assemblies.          Fire Tests of Doors Assemblies.          Fire Tests of Doors Assemblies.          Standard Methods of Fire Tests of Door Assemblies.</i>
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Product: 20-minute Fire-Resistance Rated Category A Doors

Label: See [FD001 - Fire Door Labeling requirements](#)

Models / Ratings: **20-MINUTE WOOD CORE PANEL DOORS:**

**Minimum 2-1/4" Thickness**

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	3'0" (914 mm)	8'6" (2591 mm)	Flat or Raised	<b>Single Point</b> (Mortised or Cylindrical)
Pairs	6'0" (1829 mm)	8'6" (2591 mm)	Flat or Raised	<b>3 or 4 point</b> (Active: Mortised or Cylindrical) (Inactive: Mortised or Surface Mounted Automatic Flush Bolts)

Limitations: (Review Machining Report for further detail)

- Hinges
  - Per NFPA 80, Table 2-4.3.1
  - Continuous hinges
  - Pivot hinges
- Automatic or Manual Flush Bolts (Listed and Labeled)
  - Surface mounted
  - Concealed mortised flush bolts permitted
- Cylindrical Latches (Listed and Labelled)
  - Minimum latch bolt throw shall be ½" on single swing and ¾" on pairs
- Mortise Lockset (Listed and Labelled)
  - Maximum cutout 1-1/4" x 5" x 6-3/4"
  - Minimum latch bolt throw shall be ½" on single swing and ¾" on pairs
- Deadlock (Listed and Labelled)
  - Located a minimum of 6" above latch cutout
- Fire Exit Devices
  - Surface mounted
  - Concealed vertical rod exit devices permitted
- Light Kit (Listed and Labelled)
  - Steel lite kit – max. 1296 sq. in. (Max. 54" dimension) ¼" wire glass.
  - Steel lite kit – max. 1503 sq. in. (Max. 68" dimension) Fire Lite glazing. Maximum of 18 panels up to 1503 sq. in. total.
  - ¼" Fireglass 20, impact safety rated for U.S.A.
- Viewers (Listed and Labeled)
  - Max. 1" diameter placed in 1-3/4" thickness only
- Electrical Raceway
  - Max. 3/8" x 3/8" raceway
- Automatic Door Bottom (Listed and Labelled)
  - Surface mounted and mortised allowed

Notes: *Refer to QAI evaluation report F424-1 and the applicable test reports for test assembly configurations used for fire endurance testing.*

*Refer to the [QAI FD002 - Fire Door Guidelines for general guidelines of fire door assemblies](#)*

*Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction (AHJ).*

*Product is to be installed in accordance with the manufacturer's published installation instructions by qualified installing personnel.*

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