



FIRE DOOR LISTING PROGRAM

Customer: Sabic Doors & Millwork, Ltd.
 Class: Fire Doors
 Location: New Westminster, BC
 Website: <https://www.sabicltd.com/>

Listing No. F481-1-2
 Project F481-1 Edition 1
 No.

Effective Date: October 20, 2022
 Last Revised Date: October 20, 2022

Standards: CAN/ULC-S104 *Standard Method for Fire Tests of Door Assemblies.*
 UL 10B *Fire Tests of Doors Assemblies.*
 UL 10C *Positive Pressure Fire Tests of Doors Assemblies.*
 NFPA 252 *Standard Methods of Fire Tests of Door Assemblies.*

Product: 20-minute Fire-Resistance Rated Fire Doors

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

Models: **20-MINUTE CATEGORY B L20 MDF-R WOOD CORE TYPE FIRE DOORS**

Minimum 1-3/4" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Height:		
Single Swing	3'0" (914 mm)	7'0" (2134 mm)	Flush	Single Point (Mortised or Cylindrical) (Concealed or Surface Mounted Fire Exit Devices)
Pairs	NOT PERMITTED			
Double Egress	NOT PERMITTED			

Where Category B doors are used in applications requiring UL 10C positive pressure approval, a Category G listed gasket is required.

The above noted doors are rated for use in listed 16-gauge welded steel frames bearing the mark of an approved agency.

Limitations: (Review Machining Report for further detail)

Latch Sets (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Cylindrical \leq 2-3/4 inch backset.
- Mortised.

Dead Bolts (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Permitted.

Hinges (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Ball-bearing butt hinges per NFPA 80.

Door Closers (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Surface Mounted.

Glass Lites (Listed and Labeled for use in Wood Type 20 Minute Doors)

- \leq 1,296 in² with max width 24 inches and maximum height of 54 inches with minimum 5 inch clearance from cutouts and door edges.

Fire Exit Devices (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Surface Mounted Rim Fire.
- Surface Mounted Vertical Rod.
- Mortise vertical rod.

Flush Bolts (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Surface Mounted.

Surface Mounted Protection Plates

- Permitted up to 12".

Louvres (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Not Permitted.

Viewers (Listed for use in Wood Type 20 Minute Doors)

- \leq 1" diameter.

Electrical Raceway

- Not Permitted.

Door Bottoms or Seals (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Surface Mounted.
- Mortised Automatic.

Surface Mounted Hardware and Plant Ons (Listed and Labeled for use in Wood Type 20 Minute Doors)

- Permitted

Notes: *Refer to QAI evaluation report F481-1 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.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
