

## FIRE DOOR LISTING PROGRAM

Client: **SABIC DOORS & MILLWORK, LTD.**  
 Class: Fire rated Door Frames  
 Locations: New Westminster, BC  
 Website: <https://www.sabicltd.com/>

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

Effective Date: October 11, 2022  
 Last Revised Date: October 11, 2020

Standards: UL 10B *Fire Tests of Door Assemblies.*  
 CAN/ULC S104 *Standard Method for Fire Tests of Door Assemblies.*

Product: 20 Minute Positive Pressure rated Category “C” Proprietary Fire Door Frames with Hose Stream.

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

Models / Ratings: **20-MINUTE CATEGORY C PROPRIETARY WOOD TYPE FIRE DOOR FRAMES:**

**Maximum sizes:**

Swing Type:	Maximum Dimensions		Latching:
	Width:	Height:	
Single Swing	3'0" (914 mm)	8'0" (2438 mm)	Single point
Pairs	<b>NOT PERMITTED</b>		
Double Egress	<b>NOT PERMITTED</b>		

Frame requires Category G gasket for use with Category B doors in jurisdictions adopting methods CAN/ULC S104 and UL 10B neutral pressure fire-resistance testing. See Edge Sealing below.

**Limitations:**

- Permitted door types: Wood Doors
- Minimum frame leg width: 5-1/2" (140 mm)
- Maximum frame leg width: Equivalent to wall thickness
- Minimum frame leg thickness: 1-1/8" (29 mm)
- Minimum rabbet (for 1-3/4" thick door): 2-3/16" (54.76 mm)
- Minimum stop height: 5/8" (16 mm)
- Minimum stop width: 3-3/8" (86 mm)

**Edge Sealing:**

- A.K. DraftSeal DSS66 Kerf inserted weather stripping.

**Mulled Assemblies:**

- Not permitted.

**Casing / Moulding:**

- Permitted.

**Hinge and Strike Plates:**

- Ball-bearing butt style hinges.
- All hinges and applicable hardware must be fire rated for use in openings at or above the fire rating of the frame system being installed. Preparation for hinges and hardware shall be made in accordance with NFPA 80, the hinge manufacturer's installation instructions and templates.

**Electric Raceways:**

- Not permitted.

**Door Closer:**

- Surface Mounted Door Closer only.
- Mortised Door Closers are not permitted.

**Installation:**

- Steel stud and gypsum.
- 25 Gauge 92.2 (3.63 in.) by 32 mm (1.25 in.) steel stud and track with a 12.7 mm (0.5 in.) plywood buck fastened to the opening edge.
- One layer Type X gypsum board on each face fastened with #6 x 32 mm (1.25 in.) self-drilling drywall screws spaced every 12 in.
- Frame to wall joints require sealing with caulking.
- Follow NFPA 80 installation guidelines.

Notes: *Refer to QAI evaluation report F462-1 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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