



**FIRE DOORS LISTING PROGRAM**

Customer: Doortech Mfg and Distribution Ltd.  
 Class: Fire Doors  
 Location: Winnipeg, Manitoba  
 Website: [www.doortechltd.ca](http://www.doortechltd.ca)

Listing No. F450-1  
 Project No. F450-1 Edition 2

Effective Date: January 19, 2018  
 Last Revised Date: April 25, 2019

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

Product: 45 to 90 Minute Rated 'Category B' Fire Doors, Neutral and Positive Pressure

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

Models: **45 TO 90-MINUTE HOLLOW METAL FIRE DOORS:**

**1-3/4" to 2" Thickness**

Swing Type:	Maximum Dimensions		Panel Type:	Latching
	Width:	Length:		
Single Swing	5'0" (1524 mm)	12'0" (3658 mm)	Flush	<b>Single Point</b> (Mortised or Cylindrical)
Pairs	10'0" (3048 mm)	12'0" (3658 mm)	Flush	<b>3 or 4 Point</b> (Active: Mortised or Cylindrical) (Inactive: Mortised (Manual) and Surface Mounted Flushbolts)

**Temperature Rise**

@30 min = 450°F MAX where lites do not exceed 100 in<sup>2</sup>

Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and Labeled)
- Deadbolts (Listed and Labeled)
- Surface Mounted Door Closer (Listed and Labeled)
- Surface Mounted Door Bottom (Listed and Labeled)
- Surface Mounted Flushbolts (Listed and Labeled)
- Fire Exit Devices
  - Surface mounted vertical rod
- Light Kit (Listed and Labeled)
  - Listed Steel Lite Kit – max. 100 sq. in. (max. dimension of 33")

Notes: *Refer to QAI evaluation report F450-1 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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