

FIRE DOOR LISTING PROGRAM

Customer: CR Doors & Moulding LLC
 Class: Fire Doors
 Location: Springville, UT
 Website: www.crdoors.net

Listing No. F451-1
 Project No. F451-1 Edition 1

Effective Date: January 12, 2018
 Last Revised Date: January 12, 2018

Standards:	CAN/ULC-S104 UL 10(b) UL 10(c) NFPA 252	<i>Standard 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: 90 min Rated 'Category B' Positive Pressure Fire Doors

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

Models: **90-MINUTE FOAM-FILLED STEEL-FACED DOORS:**

Minimum 1-11/16" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	3'0" (914 mm)	8'0" (2438 mm)	Flush or Embossed	Single Point (Mortised or Cylindrical)
	3'6" (1067 mm)	7'0" (2134 mm)	Flush or Embossed	
Pairs	6'0" (1829 mm)	7'0" (2134 mm)	Flush or Embossed	3 or 4 point (Active: Mortised or Cylindrical) (Inactive: Surface Mounted Flushbolts)



Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and Labeled)
- Mortise Lockset (Listed and Labeled)
- Deadlock (Listed and Labeled)
- Fire Exit Devices (Listed and Labeled)
 - Surface mounted vertical rod, RIM type and mortise exit devices
- Light Kit (Listed and Labeled)
 - Up to 45 minutes: Listed Steel Lite Kit – max. 748 sq. in. (max dimension of 34")
 - Up to 90 minutes: Listed Steel Lite Kit – max. 100 sq. in. (max dimension of 33")
- Surface Mounted Flushbolts (Listed and Labeled)
- Surface Mounted Door Closers (Listed and Labeled)
- Surface Mounted Door Bottoms (Listed and Labeled)
- Viewers (Listed and Labeled)
- Protection Plates
 - Brass, bronze, steel, aluminum, polycarbonate or decorative laminate maximum 16" high.
- Electrical Raceway
 - 3/8 diameter through the door core

Notes: *Refer to QAI evaluation report F451-1 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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