

## 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: 20 min Rated 'Category B' Positive Pressure Fire Doors

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

Models: **20-MINUTE SIMULATED PANEL LDF CORE DOORS:**

**Minimum 1-3/4" Thickness**

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	3'0" (914 mm)	8'0" (2438 mm)	Simulated	<b>Single Point</b> (Mortised or Cylindrical)
Pairs‡	6'0" (1829 mm)	8'0" (2438 mm)	Simulated	<b>3 or 4 point</b> (Active: Mortised or Cylindrical) (Inactive: Surface Mounted or Concealed Flush Bolts)
Double Egress‡	6'0" (1829 mm)	8'0" (2438 mm)	Simulated	<b>4 point</b> (Concealed or Surface Mounted)

‡ Evaluated without hose stream



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
- Surface Mounted or Concealed Flushbolts (Listed and Labeled)
- Automatic Door Bottoms (Listed and Labeled)
- Surface Mounted Door Closers (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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