

## 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: UL 10(b) *Fire Tests of Doors Assemblies.*  
 UL 10(c) *Fire Tests of Doors Assemblies.*  
 NFPA 252 *Standard Methods of Fire Tests of Door Assemblies.*

Product: 20 min Rated 'Category A and B' Positive Pressure Fire Doors

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

Models: **20-MINUTE PARTICLEBOARD CORE FLUSH DOORS:**  
**Minimum 1-3/4" Thickness**

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	4'0" (1219 mm)*	10'0" (3048 mm)	Flush	<b>Single Point</b> (Mortised or Cylindrical)
	4'0" (1219 mm)‡	9'0" (2743 mm)	Flush	
Pairs	8'0" (2438 mm)*	10'0" (3048 mm)	Flush	<b>3 or 4 point</b> (Active: Mortised or Cylindrical) (Inactive: Surface Mounted or Concealed Flushbolts)
	8'0" (2438 mm)‡	9'0" (2743 mm)	Flush	
Double Egress	8'0" (2438 mm)*	9'0" (2743 mm)	Flush	<b>4 point</b> (Concealed or Surface Mounted)

Notes:

\* Denotes Category A

‡ Denotes Category B



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 surface mounted and mortised exit device
- Light Kit (Listed and Labeled)
  - Listed Steel Lite Kit – max. 1296 sq. in. (max dimension of 54")
- Surface Mounted or Concealed Flushbolts (Listed and Labeled)
- Automatic Door Bottoms (Listed and Labeled)
- Surface Mounted or Concealed Door Closers (Listed and Labeled)
- Viewers (Listed and Labeled)
- Electrical Raceway
  - 3/8" diameter
- Protection Plates
  - Brass, bronze, steel, aluminum, polycarbonate or decorative laminate maximum 16" high.

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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