

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 Method 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 A and B' Positive Pressure Fire Doors

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

Models: **20-MINUTE WOOD CORE FLUSH DOORS:**

Minimum 1-3/4" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	4'0" (1219 mm)	9'0" (2743 mm)	Flush	Single Point (Mortised or Cylindrical)
	3'0" (914 mm)*	10'0" (3048 mm)		
Single Swing Dutch Door	4'0" (1219 mm)	8'0" (2438 mm)	Flush	3 or 4 point (Active: Mortised or Cylindrical) (Inactive: Mortised (Manual or Automatic) and Surface Mounted Flush Bolts)
Pairs	8'0" (2438 mm)	9'0" (2743 mm)	Flush	
Double Egress	8'0" (2438 mm)	8'0" (2438 mm)	Flush	4 point (Concealed or Surface Mounted)

*Transom Allowed – 3'0" wide x 3'4" high maximum



Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and Labeled)
- Mortise Lockset (Listed and Labeled)
- Deadbolt (Listed and Labeled)
- Light Kit (Listed and Labeled)
 - Listed Steel Lite Kit – max. 1296 sq. in. (max dimension of 54")
- Surface Mounted Fire Exit Devices (Listed and Labeled)
- Manual Flushbolts (Listed and Labeled)
- Automatic Door Bottoms (Listed and Labeled)
- Surface Mounted and Concealed Closers (Listed and Labeled)
- Protection Plates
 - Brass, bronze, steel, aluminum, polycarbonate, or decorative laminate maximum 48" high.
- Electrical Raceway
 - 3/8" x 3/8" through the door core
- Louvers (Listed and Labeled)
 - Maximum size: 24" x 24"

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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