

## 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>
------------	--	--

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

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

Models: **20-MINUTE STILE AND RAIL WOOD 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)	Raised	Single Point (Mortised or Cylindrical)

Notes: Panels may be V-grooved at a maximum 1/4" depth.

Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and Labeled)
- Mortise Lockset (Listed and Labeled)
- Deadbolt (Listed and Labeled)
- Surface Mounted Fire Exit Devices (Listed and Labeled)
- Surface Mounted Automatic Door Bottom (Listed and Labeled)
- Surface Mounted Door Closer (Listed and Labeled)
- Protection Plates
  - Plates of brass, bronze, steel, aluminum, polycarbonate or decorative laminate at a maximum 12" height.

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.*

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at [www.qai.org](http://www.qai.org) for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to [info@qai.org](mailto:info@qai.org). Please include the listing number in the request.

\*\*\*