

## FIRE DOOR LISTING PROGRAM

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

Listing No. F451-2  
 Project No. F451-2 Edition 1

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

Standards: CAN/ULC-S104 *Standard Method for Fire Tests of Door Assemblies.*  
 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 Positive Pressure Fire Door Frames

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

Models: **20-MINUTE WOOD FIRE DOOR FRAMES:**

### Maximum Frame Sizes

#### Neutral Pressure

Swing Type:	Maximum Dimensions	
	Width:	Height:
Single Swing	3'0" (914 mm)	7'0" (2134 mm)

Minimum Wall Thickness: 3-3/4"

#### Positive Pressure

Swing Type:	Maximum Dimensions	
	Width:	Height:
Pairs	6'0" (1829 mm)	8'0" (2438 mm)

Minimum Wall Thickness: 4-1/2"



# LABORATORIES

CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.  
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.  
WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.  
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.  
TORONTO, ON: 416.550.9280  
SEATTLE, WA: 425.512.8419  
WEBSITE: WWW.QAI.ORG

Notes: *Refer to QAI evaluation report F451-2 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.

\*\*\*