

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 'Category C' Positive Pressure Fire Door Frames

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

Models: **20-MINUTE WOOD FIRE DOOR FRAMES WITH INTUMESCENT SEAL:**

Maximum Frame Sizes

Swing Type:	Maximum Dimensions		Intumescent Seal
	Width:	Height:	
Single Swing	3'6" (1067 mm)	7'0" (2134 mm)	BASF Palusol
	3'0" (914 mm)	8'0" (2438 mm)	BASF Palusol
	4'0" (1219 mm)	7'0" (2134 mm)	Pemko
	4'0" (1219 mm)	9'0" (2743 mm)	Pemko
Pairs	6'0" (1829 mm)	8'0" (2438 mm)	BASF Palusol
	8'0" (2438 mm)	9'0" (2743 mm)	Pemko

LIMITATIONS:

Minimum Frame Leg Width: 3-3/4"
 Maximum Frame Leg Thickness: 11/16" (Door Side)
 1-3/16" (Soffit Side)
 Minimum Rabbet for Door: 1-13/16" (Non-Kerfed Frames)
 1-15/16" (Kerfed Frames)
 Minimum Stop Height: 1/2"
 Minimum Soffit: 1-13/16"



Kerf for Weatherstrip: 1/8" x 3/8". Kerf is optional on all labeled frames.

Strike: Steel strike with metal dust cover shall be attached to frame with two 2" or longer screws.

Casing: Minimum width of 1-1/2" and minimum thickness of 3/8"

Installation: Jambs of frames shall be nailed to head frames with eight-penny finishing nails. The frame unit is then attached to trim stud with eight-penny finishing nails spaced 16" on center in pairs. Shims shall be placed at the top and bottom of each leg of the frame unit as well as behind each hinge and strike plate.

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.

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