

FIRE DOOR LISTING PROGRAM

Customer: FyreWerks, Inc.
 Class: Fire Door Frames
 Location: Westminster, Colorado
 Website: www.fyrewerks.com

Listing No. F415
 Project No. F415-2 Edition 2

Effective Date: September 15, 2016
 Last Revised: October 9, 2019
 Expires: N/A

Standards:	UL 10B	Fire Tests of Door Assemblies
	UL 10C	Positive Pressure Fire Tests of Door Assemblies
	NFPA 252	Standard Methods of Fire Tests of Door Assemblies
	CAN/ULC S104	Standard Method for Fire Tests of Door Assemblies

Product: 90 minute Fire Rated Door Frames

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

Models: **90-MINUTE FIRE DOOR FRAMES:**

MAXIMUM FRAME SIZES:

Swing Type:	Maximum Dimensions	
	Width:	Height:
Single Swing	4'0" (1219 mm)	9'0" (2743 mm)

Limitations: (Review Machining Report for further detail)

- Minimum Frame Leg Width: 4-5/8"
- Maximum Frame Leg Width: Equivalent to wall thickness
- Minimum Frame Leg Thickness: 3/4" (-1/16") [Single Core Layer]
- Minimum Frame Leg Thickness: 3/4" (-1/16") [Single Core Layer]
- Minimum Frame Leg Thickness: 2-1/4" [4 core layers for SOSS® Invisible Hinge]
- Minimum Rabbet for Door: 1-7/8" (-1/16")
- Minimum Stop Height: 5/8"
- Minimum Stop Width: 1-1/4" (-1/16")

- Strike Plates: Listed and labelled for rated opening

- Hinges: Listed and labelled for rated opening

- Door Closer: Listed and labelled for rated opening:
 - Surface mounted door closers
 - Concealed door closers

Notes: *Refer to QAI evaluation report F415-2 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 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. Please include the listing number in the request.
