

FIRE DOOR LISTING PROGRAM

Customer: Visser Manufacturing Ltd.
 Class: Fire Door Frames
 Location: Ottawa, ON
 Website: vissermfg.ca

Listing No. F449-2
 Project No. F449-2 Edition 1

Effective Date: January 1, 2018
 Last Revised Date: January 1, 2018

Standards:	CAN/ULC-S104	<i>Standard Method for Fire Tests of Door Assemblies.</i>
	UL 10(b)	<i>Fire Tests of Doors Assemblies.</i>
	UL 10(c)	<i>Fire Tests of Doors Assemblies.</i>
	NFPA 252	<i>Standard Methods of Fire Tests of Door Assemblies.</i>

Product: 20 min Rated Positive Pressure Fire Door Frames

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

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

Maximum Frame Sizes

Swing Type:	Maximum Dimensions	
	Width:	Height:
Single Swing	3'6" (1067 mm)	9'0" (2743 mm)
Pairs	7'0" (2134 mm)	9'0" (2743 mm)
	8'0" (2438 mm)	8'0" (2438 mm)
Double Egress	Not Permitted	

LIMITATIONS:

Minimum Frame Leg Width:	4-3/4"
Maximum Frame Leg Width:	Equivalent to wall thickness
Minimum Frame Leg Thickness:	5/8" (-1/16")
Minimum Rabbet for Door:	1-3/4" (-1/16")
Minimum Stop Height:	1/2"
Minimum Stop Width:	1-1/4" (-1/16")

Hardwood Facings: Maximum 1/4" x 1" Hardwood Facing inlaid into the face of the frame leg

Electric Raceway: Max. 1/4" diameter hole through the frame leg at 40" from the floor and below.

Mortised Door Closer: Concealed closer allowed in the frame header.
Maximum 2-1/6" x 3-5/8" x 12" pocket dimensions lined with Interdens
Type 15 on all 5 sides.

Installation: Fastened through the frame legs with finishing nails. Fasten
through the frame at 2 fastener locations on the hinges with fastener long
enough to penetrate at least 3/4" into wall framing.

Notes: *Refer to QAI evaluation report F449-2 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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