

## FIRE DOORS LISTING PROGRAM

Customer: Eggers Industries  
 Class: Fire Door Frames  
 Location: Two Rivers, Wisconsin  
 Website: www.eggersindustries.com

Listing No. F443-2  
 Project No. F443-2 Edition 1

Effective Date: June 9, 2017  
 Last Revised Date: June 9, 2017

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: 45 min Rated Fire Door Frames

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

Models: **45-MINUTE FIRE DOOR FRAMES:**

**MAXIMUM SIZES:**

**MDF with SW2 edge sealing:**

Swing Type:		Maximum Dimensions	
		Width:	Height:
<b>Single Swing</b>	<b>Rectangular</b>	3'6" (1067 mm)	7'9" (2362 mm)
	<b>Arched Top</b>	3'6" (1067 mm)	7'9" (2362 mm)
	<b>Mulled Assembly</b>	7'0" (2134 mm)	7'9" (2362 mm)
<b>Pairs</b>		Not Permitted	
<b>Double Egress</b>		Not Permitted	

**Two Layers of SW 20-1 Cores or Single Layer of SW 45-1 Core:**

Swing Type:	Maximum Dimensions	
	Width:	Height:
<b>Single Swing</b>	3'6" (1067 mm)	9'0" (2743 mm)
<b>Communicating</b>	3'6" (1067 mm)	9'0" (2743 mm)
<b>Pairs</b>	7'0" (2134 mm)	9'0" (2743 mm)
<b>Double Egress</b>	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")  
Maximum Frame Leg Thickness: 1" (-1/16") [with MDF frame backing]  
1-1/2" (-1/16") [with BASF SW20-1 frame backing]  
Minimum Rabbet for Door: 1-3/4" (-1/16")  
Minimum Stop Height: 1/2"  
Minimum Stop Width: 1-1/4" (-1/16")  
1-3/4" (-1/16") [Communicating Door Frames]  
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: Not Allowed  
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 F443-2 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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