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FIRE DOOR 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 2

Effective Date: June 9, 2017
Last Revised Date: February 9, 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: 45 min Rated Positive Pressure Fire Door Frames

Markings: See *FD001 - Fire Door Labeling requirements*

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

Maximum Frame Sizes

MDF with SW2 edge sealing:

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

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

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

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Three Layers of SW 20-1 Cores or Single Layer of SW 60-1 Core:

Swing Type:	Maximum Dimensions	
	Width:	Height:
Single Swing	3'6" (1067 mm)	9'0" (2743 mm)
Communicating	3'6" (1067 mm)	9'0" (2743 mm)
Pairs	7'0" (2134 mm)	9'0" (2743 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") [BASF Palusol Frame]
	3/4" (-1/16") [MDF Frame]
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 ¼" x 1" Hardwood Facing inlaid into the face of the frame leg

Electric Raceway: Max. ¼" 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 ¾" 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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