



FIRE DOORS LISTING PROGRAM

Customer: Doorland 2000 Inc.
 Class: Fire Door Frames
 Location: Woodbridge, ON
 Website: www.doorlandgroup.com

Listing No. F447-2
 Project No. F447-2 Edition 1

Effective Date: October 27, 2017
 Last Revised Date: October 27, 2017

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 Positive Pressure Fire Door Frames

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

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

MAXIMUM FRAME SIZES:

Soft-Wood – SPF or more dense species (SG = 0.36 @ 12% MC)

Swing Type:	Maximum Dimensions	
	Width:	Height:
Single Swing	3'6" (1067 mm)	8'0" (2438 mm)
Pairs	5'6" (1676 mm)	8'0" (2438 mm)

Hard-Wood – Maple or more dense species (SG = 0.53 @ 12% MC)

Swing Type:	Maximum Dimensions	
	Width:	Height:
Single Swing	4'0" (1219 mm)	9'0" (2743 mm)
Pairs	8'0" (2438 mm)	9'0" (2743 mm)



LIMITATIONS:

Minimum Frame Leg Width:	4-9/16"
Maximum Frame Leg Width:	Equivalent to wall thickness
Minimum Frame Leg Thickness:	3/4"
Minimum Rabbet for Door:	2-1/16" (Single Rabbet)
Minimum Rabbet for Door:	1-5/8" (Double Rabbet)
Minimum Stop Height:	1/2"
Minimum Stop Width:	2-7/16" (Single Rabbet)
Minimum Stop Width:	1-1/2" (Double Rabbet)

Casing: Minimum 3/8" thickness and minimum 1-3/8" width. Birch or more dense species (SG = 0.62 @ 12% MC).

Kerf: 1/8" x 3/8" for single rabbet.

Magnetic Contact Switch: Maximum 1" diameter hole through the thickness of the frame at the door rabbet location. Must be located 40" or less from the bottom of the rough opening centered 7/8" from the frame edge.

Mortised Door Closer: Not Allowed.

Refer to QAI evaluation report F447-2 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.
