

## FIRE DOORS LISTING PROGRAM

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

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

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

Standards: CAN/ULC-S104 UL 10(b) UL 10(c) NFPA 252	<i>Standard Method for Fire Tests of Door Assemblies. Fire Tests of Doors Assemblies. Fire Tests of Doors Assemblies. Standard Methods of Fire Tests of Door Assemblies.</i>
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Product: 45 min Rated 'Category A' Positive Pressure Fire Doors

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

Models: **45-MINUTE PARTICLEBOARD CORE PANEL DOORS:**

**Minimum 1-3/4" Thickness**

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	4'0" (1219 mm)	8'0" (2438 mm)	Stile and Rail	<b>Single Point</b> (Mortised or Cylindrical)
Pairs	6'0" (1829 mm)	7'0" (2134 mm)	Stile and Rail	<b>3 or 4 point</b> (Active: Mortised or Cylindrical) (Inactive: Manual or Automatic Flush Bolts)



## Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and labeled)
- Mortise Lockset (Listed and labeled)
  - Maximum cutout dimensions are 1-1/16" wide by 4-3/4" deep by 6-3/4" long.
- Card Locks (Listed and labeled)
- Hospital Locks (Listed and labeled)
- Deadlock (Listed and labeled)
- Fire Exit Devices (Listed and labeled)
  - Surface mounted vertical rod, RIM surface mounted exit devices.
- Surface mounted door stop (Listed and labeled)
- Surface mounted overhead and floor door closer (Listed and labeled)
- Surface mounted door bottom (Listed and labeled)
- Light Kit (Listed and labeled)
  - Listed Steel Lite Kit – max. 1296 sq. in. (max dimension of 54").
- Manual or automatic flush bolts (Listed and labelled)
- Magnetic Switch
  - Maximum cutout for rectangular switch is 3-5/8" x 1" x 1".
  - Maximum cutout for tubular switch is 1" diameter x 1-5/8" deep.
- Viewers (Listed and labeled)
- Protection Plates
  - Brass, bronze, steel, aluminum, polycarbonate or decorative laminate installed on one or both sides of the door.
- Louvers
  - Maximum dimensions of 24" x 24".

Notes: *Refer to QAI evaluation report F449-1 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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