

## 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: 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 'Category B' Positive Pressure Fire Doors

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

Models: **20-MINUTE PARTICLEBOARD CORE PROFILED DOORS:**

### Minimum 1-11/16" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	3'6" (1067 mm)	7'0" (2134 mm)	Profiled Flush	<b>Single Point</b> (Mortised or Cylindrical)
	3'0" (914 mm)	8'0" (2438 mm)	Profiled Flush	
Pairs	7'0" (2134 mm)	7'0" (2134 mm)	Profiled Flush	<b>3 or 4 point</b> (Active: Mortised or Cylindrical) (Inactive: Manual or Automatic Flush Bolts)
	6'0" (1829 mm)	8'0" (2438 mm)	Profiled Flush	
Double Egress	7'0" (2134 mm)	7'0" (2134 mm)	Profiled Flush	<b>4 point</b> (Surface Mounted or Concealed)
	6'0" (1829 mm)	8'0" (2438 mm)	Profiled Flush	

Notes:  
 Paired and double egress assemblies evaluated without hose stream.



Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and labeled)
- Mortise Lockset (Listed and labeled)
- Deadlock (Listed and labeled)
- Fire Exit Devices (Listed and labeled)
  - Surface mounted and concealed vertical rod, RIM surface mounted exit devices
- Surface mounted and concealed overhead door closer (Listed and labeled)
- Floor door closer (Listed and labeled)
- Manual and automatic flush bolts (Listed and labeled)
- Viewers (Listed and labeled)
  - Two viewers up to 1" diameter each. Located a minimum of 5-1/2" apart or from edge.
- Protection Plates
  - Brass, bronze, steel, aluminum, PVC or decorative laminate protection plates. Maximum 1/8" thickness up to 16" height.

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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