

## 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 *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 'Category A' Positive Pressure Fire Doors

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

Models: **20-MINUTE ACOUSTICAL CORE FLUSH DOORS:**

### Minimum 1-11/16" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
<b>Single Swing</b>	4'0" (1219 mm)	8'0" (2438 mm)	Flush	<b>Single Point</b> (Mortised or Cylindrical)
<b>Pairs</b>	8'0" (2438 mm)	8'0" (2438 mm)	Flush	<b>4 point</b> (Active: Mortised or Cylindrical, Surface Mounted) (Inactive: Surface Mounted)

Notes:  
 For pairs, surface mounted vertical rods required on both door leaves.



Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and labeled)
- Mortise Latches (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 closer (Listed and labeled)
- Floor door closer (Listed and labeled)
- Light Kit (Listed and labeled)
  - Listed Steel Lite Kit – max. 300 sq. in. (max dimension of 36")
- Viewers (Listed and labeled)
  - Two listed 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 48" 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.*

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](http://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](mailto:info@qai.org). Please include the listing number in the request.

\*\*\*