

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.*
 NFPA 252 *Standard Methods of Fire Tests of Door Assemblies.*

Product: 45 min Rated Neutral Pressure Fire Doors

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

Models: **45-MINUTE LAMINATED CORE FLUSH DOORS:**

Minimum 1-3/4" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing (5-ply core)	4'0" (1219 mm)	10'0" (3048 mm)	Flush	Single Point (Mortised or Cylindrical)
Single Swing (7-ply core)	4'0" (1219 mm)	9'0" (2743 mm)	Flush	Single Point (Mortised or Cylindrical)
Single Swing w/ Transom	4'0" (1219 mm)	10'0" (3048 mm)	Flush	Single Point (Mortised or Cylindrical)
Pairs	8'0" (2438 mm)	8'0" (2438 mm)	Flush	3 or 4 point (Active: Mortised or Cylindrical) (Inactive: Manual or Automatic Flush Bolts)
Double Egress	8'0" (2438 mm)	8'0" (2438 mm)	Flush	4 point (Surface Mounted)

Notes:
 Maximum 4'0" x 4'0" transom panel in single swing doors.



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 door closer (Listed and labeled)
- Light Kit (Listed and labeled)
 - Listed Steel Lite Kit – max. 1200 sq. in. (max dimension of 54”).
- Electrical Raceway
- Manual or automatic flush bolts (Listed and labelled)
- Viewers (Listed and labeled)
- Protection Plates
 - Brass, bronze, steel, aluminum or decorative laminate up to 16” high.
- 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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