

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

Product: 20 min Rated Neutral Pressure Fire Doors

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

Models: **20-MINUTE WOOD CORE FLUSH DUTCH 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)	Flush	<b>Single Point</b> (Mortised or Cylindrical)



## 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 vertical rod, RIM and concealed vertical rod exit devices.
- Surface mounted and mortised door closer (Listed and labeled)
- Floor closer (Listed and labeled)
- Light Kit (Listed and labeled)
  - Listed Steel Lite Kit – max. 1296 sq. in. listed glazing (max dimension of 54”).
  - Anemostat LoPro Lite Kit – max. 2371.5 sq. in. Vetrotech Fivestar glazing (max dimension of 69.75”).
  - VT Industries Wood Bead Lite Kit – max. 661.25 sq. in. Vetrotech Fivestar glazing (max dimension of 28.75”).
  - Air Louvers VLFEZ Lite Kit – max. 2856 sq. in. listed glazing (max dimension of 96”).
  - Listed Steel Lite Kit – max. 3204 sq. in. FireLite, FireLite NT, FireLite Plus, and FireLite IGU glazing (max dimension of 89”).
- Electrical Raceway
- Mortised or surface mounted automatic or manual flush bolts (Listed and labeled)
- Viewers (Listed and labeled)
- Surface Mounted and mortised automatic door bottom (Listed and labeled)
- Cladding Material
  - Listed and labeled materials for use on fire doors.
- Protection Plates
  - Brass, bronze, steel, Acrovyn, or aluminum may be installed on one or both sides of the door at a maximum size of 48” high x width of door.

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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