

FIRE DOOR LISTING PROGRAM

Customer: Western Door Manufacturing Ltd.
Class: Fire Rated Doors
Location: Surrey, BC
Website: <https://westerndoor.ca/home>

Listing No. F456
Project No. F456-1 Edition 2

Effective Date: October 11, 2019
Last Revised Date: September 15, 2023

Standards: CAN/ULC-S104 *Standard Method for Fire Tests of Door Assemblies*
 UL 10B (2020) *Standard for Fire Tests of Door Assemblies*

Product: 20 Minute-rated Category “B” Fire Doors with Hose Stream

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

Models: 20 MINUTE WOOD CORE FIRE DOORS CATEGORY B:

Minimum 1-3/4” Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Height:		
Single Swing	3’6” (1067 mm)	8’0” (2438 mm)	Flat, Raised or Flush	Single Point (Mortised or Cylindrical Locksets) (Surface Mounted Fire Exit Devices)
Pairs	NOT PERMITTED			
Double Egress	NOT PERMITTED			

The above Category B Fire Doors are required to be installed with Category G gasket when used in Positive Pressure applications. Category G gasket is to be approved and listed for use with wood door types.

Additions / Limitations:
(Review Machining Specifications Report for details)

Latch Sets (Listed and labeled for rated opening and wood door type)

- Cylindrical Latches.
- Mortised Latches.

Deadbolt (Listed and labeled for rated opening and wood door type)

- Cylindrical Deadbolts.

Hinges (Listed and labeled for rated opening and wood door type)

- Hinges as per NFPA 80.



Fire Exit Devices (Listed and labeled for rated opening and wood door type)

- Surface Mounted Fire Exit Devices. May be less bottom rod.

Door Closers (Listed and labeled for rated opening and wood door type)

- Surface Mounted only.

Surface Mounted Protection Plates

- Steel, brass, bronze, aluminum, listed polycarbonate or listed laminate.

Moldings / Plant-Ons

- Permitted.

Louvers

- Not permitted.

Wood Edges

- Surface Applied only.
- Maximum thickness 1/2".

Viewers (Listed and labeled for rated opening and wood door type)

- Maximum size of 1" diameter
- Viewers located a minimum 12" away from edges of doors and other hardware.
- Must be located in minimum 5/8" thick panel.

Glass Lites

- Not permitted.

Door Bottoms Seals (Listed and labeled for rated opening and wood door type)

- Surface mounted automatic door bottoms.
- Mortised automatic door bottom. Permitted models: Zero International Model # 360AA, 5" wide hemlock blocking must be used at the bottom rail.

Electric Raceway

- Not Permitted.

Electric Strikes, Magnetic Switches and Electrical Power Transfers (EPT)

- Not Permitted.

Notes: Refer to QAI evaluation report F456-1 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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