

FIRE DOOR LISTING PROGRAM

Customer: Windsor Building Supplies Ltd.
 Class: Fire Rated Doors
 Locations: Langley, BC (Head Office)
 Chilliwack, BC
 Duncan, BC
 Parksville, BC
 Website: www.windsorplywood.com

Listing No. F455-1-20-2
 Project No. F455-1 Edition 2

Effective Date: April 1, 2019
 Last Revised Date: May 15, 2020

Standards:	UL 10B	<i>Fire Tests of Door Assemblies</i>
	UL 10C	<i>Positive Pressure Fire Tests of Door Assemblies</i>
	NFPA 252	<i>Standard Methods of Fire Tests of Door Assemblies</i>
	CAN/ULC S104	<i>Standard Method for Fire Tests of Door Assemblies</i>

Product: 20 Minute Rated Category “B” Fire Doors with Hose Stream
 “Lynden 20 Min L20SP Wood Core Fire Door”

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	4’0” (1219 mm)	9’0” (2743 mm)	Flush	Single Point (Mortised or Cylindrical) (Concealed or Surface Mounted Fire Exit Devices)
	3’0” (914 mm)	10’0” (3048 mm)		
Single Swing with Transom¹	3’0” (914 mm)	10’0” (3048 mm)	Flush	
Single Swing Dutch Door	4’0” (1219 mm)	8’0” (2438 mm)	Flush	
Standard Pairs	8’0” (2438 mm)	9’0” (2743 mm)	Flush	3 or 4 Point (Mortised or Cylindrical) (Surface Mounted Fire Exit Devices and/or Vertical Rods)



Standard Pairs with Transom	NOT PERMITTED			
Double Egress	8'0" (2438 mm)	8'0" (2438 mm)	Flush	4 Point (Surface Mounted Fire Exit Devices and Vertical Rods)

¹ Maximum 3'0" x 3'4" transom panel, maximum 3'0" x 10'0" single door frame opening.

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.

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

- Cylindrical Deadbolts.
- Minimum 5" between hardware cutouts.

Flush / Surface Bolts (Listed and labeled for rated opening and wood door type)

- Surface Mounted Bolts.
- Mortised Flush-bolts.

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

- Hinges as per NFPA 80.

Pocket Pivots (Listed and labeled for rated opening and wood door type)

- Dor-O-Matic 91105F with FireStop hinge stile.

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

- Surface Mounted Fire Exit Devices and Vertical Rod. SVR less bottom rod not permitted.
- Concealed Vertical Rods not permitted.

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

- Surface Mounted closers.
- Concealed closers.

Surface Mounted Protection Plates

- Steel, brass, bronze, aluminum, listed polycarbonate or listed laminate maximum 16" high.

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

- Louvers up to 24" x 24", below latch level.

Metal Edges

- Required for Standard Pairs and Double Egress, unless Firestop Meeting Edges are used.

Rabbeted Edges

- Catch plate adaptor fastened with screws of 2" minimum length.

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

- Maximum size of 1" diameter, minimum 5" between viewers.

Glass Lites (Listed and labeled for rated opening and wood door type)

- Glazing material shall be listed and labeled for rated opening, lite kit and wood door type.
- Glazing installed in accordance with NFPA 80, and the listed lite kit frame installation instructions.
- Minimum 6" between lite and edge of door or hardware cutout.
- Two lites permitted per door.
- Maximum Area: 1296 sq. in. per lite.
- Maximum Width: 30"
- Maximum Height: 54"

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

- Surface mounted and mortised automatic door bottom units.
- Maximum cutout 29/32" x 1-21/32".

Electric Raceway

- 3/8" x 3/8" maximum.

Electric Strikes, Magnetic Switches and Electrical Power Transfers (EPT) (Listed and labeled for rated opening and wood door type)

- See machining specifications report for details.

Moldings / Plant-Ons

- Minimum 4" from edge of the door or the lite frame.

Notes: *Refer to QAI evaluation reports F455-1 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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