QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.
TORONTO, ON: 905.605.5444 ph. |
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.
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FIRE DOOR LISTING PROGRAM

Customer: Distinctive Wood Designs Inc.
Class: Fire Resistant Doors and Frames
Location: Delta, British Columbia
Website: www.distinctivewood.com

Listing No. F423-1
Project No. F423-1 Edition 4

Effective Date: October 27, 2020
Last Revised Date: October 8, 2021
Expires: N/A

Standards:

UL 10B	*Fire Tests of Door Assemblies*
UL 10C	*Positive Pressure Fire Tests of Door Assemblies*
NFPA 252	*Standard Methods of Fire Tests of Door Assemblies*
CAN/ULC S104	*Standard Method for Fire Tests of Door Assemblies*

Product: 45 minute Positive Pressure rated Fire Doors

Markings: See *FD001 - Fire Door Labeling requirements*

Models: **45-MINUTE FLUSH DOORS CATEGORY A:**

Minimum 1-3/4" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	**Height:**		
Single Swing	3'0" (914 mm)	8'0" (2438 mm)	Flush only	**Single point** (Mortised or Cylindrical) (Surface Mounted exit devices)

Limitations: (Review Machining Report for further detail)

  Latch Sets (Listed and labeled for rated opening)
  - Cylindrical Latches
    - Maximum 2-1/8" diameter bore.
    - Maximum 2-3/4" backset.
    - Minimum ½" throw.
  - Mortised Latches

  Deadbolts (Listed and labeled for rated opening)
  - Cylindrical Deadbolts:
    - Located a minimum of 2-1/4" center-line to center-line from the latch cutout.
  - Mortised Deadbolt:
    - See Mortised Latch section above.

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Hinges (Listed and labeled for rated opening)
- Hinges as per NFPA 80, Table 6.4.3.1

Fire Exit Devices (Listed and labeled for rated opening)
- o Surface Mounted Vertical Rod Fire Touch Bar Exit Device (may be less bottom rod).
- o Rim Type Fire Exit Devices.

Door Closers (Listed and labeled for rated opening)
- Surface Mounted Door Closers.

Door Veneers and Inlays (Optional)
- Wood, MDO, metal, plastic or laminate materials permitted.

Face Grooves
- Permitted for use, where door thickness is increased to maintain solid door thickness at 1-3/4''.

Surface Mounted Protection Plates
- Steel, brass, bronze, aluminum, PVC, or plastic laminate max 48" high.

Viewers (Listed and labeled for rated opening)
- Maximum size of 1" diameter.
- Viewers located a minimum 12" away from edges of doors and other hardware.

Door Bottoms Seals (Listed and labeled for rated opening)
- o Surface mounted automatic door bottom.

Glass Lights (Listed and labeled for rated opening and approved for use with wood type doors)
- o Glazing unit to be maximum 1296 in^2 (maximum dimension of 54'') steel lite kit.
- o Glazing installed in accordance with NFPA 70, and the listed light kit frame installation instructions.

Louvres
- o Not Permitted.

Notes: *Refer to QAI evaluation report F423-1 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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