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FIRE DOORS LISTING PROGRAM

Customer: BAUCO ACCESS PANEL SOLUTIONS INC.
Class: Fire Doors
Location: Victoria, BC, Canada
Website: https://bauco.com/

Listing No. F498

Effective Date: July 11, 2025
Last Revised Date: July 11, 2025

Standard:

CAN/ULC S104-15-R2020	Standard Method for Fire Tests of Door Assemblies.
CAN/ULC S101-14	Standard Methods of Fire Endurance Tests of Building Construction Materials.
UL 10B (2020)	Standard for Fire Tests of Door Assemblies.
NFPA 252 (2022)	Standard for Fire Tests of Door Assemblies.

Products:
- 2-hour Fire-Resistance Rated wool insulated access door and frame assembly.
- 1-hour Fire-Resistance Rated wool insulated access ceiling door and frame assembly.

Labels: See *FD001 - Fire Door Labeling requirements*

Models Bauco 610 mm x 914 mm (24 in. x 36 in.) mineral wool-insulated access door and frame assembly, at the following limitations.[1]

Model Name	Fire-Resistance Rating	Max Size	Frame	Door Material
FPL-120-W Access Door (Vertical)	**2-Hour** (UL 10B / CAN/ULC S104)	610 mm x 914 mm (24 in. x 36 in.)	14-gauge steel frame with gypsum board corner bead trim	18-gauge steel pan with 18 mm (0.71 in.) MgO board face
FPL-60-C Ceiling Access Door (Horizontal)	**1-Hour** (ASTM E119 / CAN/ULC S101)	610 mm x 914 mm (24 in. x 36 in.)	14-gauge steel frame with gypsum board corner bead trim	18-gauge steel pan with 18 mm (0.71 in.) MgO board face

1. *Installation of the noted vertical and horizontal fire doors is required to be in code complying floor / ceiling assemblies. Compliance of the rated floor / ceiling assembly is outside the scope of this report and must comply with the applicable codes.*

Bauco Accel Panel Solution Inc. Horizontal Access Door and Frame evaluated to CAN/ULC S101 and ASTM E119 for use in use in fire resistance rated floor/ceiling assemblies:

COMPONENT	DESCRIPTION	
Door and Frame Assemblies	Description:	610 mm x 914 mm (24 in. x 36 in.) mineral wool insulated steel door and frame with MgO board door face.
	Insulation:	Mineral wool insulation. The measured thickness was 50.6 mm (1.99 in.) and the measured density was 97.6 kg/m^3 (6.09 lbs/ft^3).
	Inside Liner:	18-gauge steel pan.
	Frame:	14-gauge steel frame with gypsum board corner bead trim.
	Door Face:	18 mm (0.71 in.) MgO board installed with nails spaced 3 in. on center through the steel pan into the edge of the board. The measured thickness was 17.8 mm and the density was 997 kg/m^3 (62.24 lbs/ft.^{3}).
	Hardware:	Steel pin hinge on the top and bottom of the door. Steel latch assembly through bolted to the steel pan.
	Install:	The frame was screwed into the steel stud framing of the wall through mounting holes. The corner bead was mudded using premixed general purpose gypsum mud. The rough opening was built 3 mm (0.125 in.) larger than the frame.
Floor / Ceiling Construction Containing the Door	Type:	Wood joist with drop ceiling, Type X gypsum and plywood.
	Framing:	38 mm x 235 mm (Nominal 2 in. x 10 in.) Spruce-Pine-Fir (SPF) dimensional wood joists spaced 16 in. on center with a nominal 2 in. x 4 in. SPF drop ceiling.
	Ceiling:	One layer of 16 mm (5/8 in.) Type X gypsum board.
	Floor:	A total of 51 mm (2 in.) of plywood subfloor and finish floor.
	Opening:	One layer of 16 mm (5/8 in.) Type X gypsum board around the perimeter of the opening.
Floor / Ceiling Construction GA File No. FC 5710	Type:	Wood joist, Type X gypsum board, resilient channel and plywood.
	Framing:	38 mm x 235 mm (Nominal 2 in. x 10 in.) SPF dimensional wood joists spaced 405 mm (16 in.) on center.
	Ceiling:	One layer of 16 mm (5/8 in.) Type X gypsum board at right angles to the wood joists with no. 6 x 51 mm (2 in.) coarse thread drywall screws spaced 152 mm (6 in.) on center.
	Floor:	A total of 51 mm (2 in.) of plywood subfloor and finish floor.

Notes:

- *Refer to QAI evaluation reports F498 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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