

FIRE DOORS LISTING PROGRAM

Customer: Maxam Metal Products Ltd.
Class: Fire Doors (Horizontal)
Location: Burnaby, BC, Canada
Website: <https://maxammetal.com/>

Listing No. F482-1

Effective Date: February 22, 2023
Last Revised Date: October 11, 2024

Standard: NFPA 288 (2022) *Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies*
 CAN/ULC S101-14 *Standard Methods of Fire Endurance Tests of Building Construction Materials*

Product: 1-hour, 2-hour, and 3-hour Load-Bearing Fire-Resistance Rated Horizontal Floor Doors.

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

Models Maxam Metal Products horizontal fire door products have achieved the following ratings for NFPA 288 (2022) and CAN/ULC S101-14 with a 7.2 kPa (150psf) applied load, at the following limitations.^{1,2,3}

FIRE-RESISTANCE RATING	MAX SIZE	FRAME	DOOR MATERIAL	ALLOWABLE LOAD
1-Hour	1626 mm x 1525 mm (64" x 60")	165 mm (6-1/2") Depth	140 mm (5-1/2") Depth	7.2 kPa (150psf)
2-Hour				
3-Hour	1067 mm x 1524 mm (42" x 60")	2.6 mm (12-Gauge) Steel	2.0 mm (14-Gauge) Steel with Aluminum, Steel Tread, or Smooth Surface.	
	1219 mm x 1219 mm (48" x 48")			

1. Installation of the noted 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.
2. Anchoring of the horizontal floor / ceiling assembly to resist the applied 7.2 kPa (150psf) design load is outside of this report and should be in accordance with site design.
3. For ratings associated with compliance to CAN/ULC S101-14, products must be installed in a 165 mm (6-1/2") reinforced concrete slab floor assembly.

- Notes:**
- Refer to QAI evaluation reports F482 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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