

FIRE DOOR LISTING PROGRAM

Customer: Forte Opening Solutions
 Class: Fire Door Frames
 Location: Marshfield, WI
 Website: <https://www.forteopenings.com/>

Listing No. F487
 Project No. F487-2 Edition 2

Effective Date: May 7, 2024
 Last Revised: November 12, 2024

Standards: CAN/ULC-S104-15 *Standard Method for Fire Tests of Door Assemblies.*
 UL 10(b) (2020) *Fire Tests of Doors Assemblies.*
 UL 10(c) (2021) *Fire Tests of Doors Assemblies.*
 NFPA 252 (2022) *Standard Methods of Fire Tests of Door Assemblies.*

Product: 45-minute Fire-Resistance Rated Frames

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

Models / Ratings: **45-MINUTE COMPOSITE AND WOOD CORE CATEGORY C FIRE RATED FRAMES:**

MAXIMUM FRAME SIZES:

Composite Frame Leg

Swing Type:	Maximum Dimensions	
	Width:	Length:
Single Swing	4'0" (1219 mm)	8'0" (2438 mm)
Pairs	8'0" (2438 mm)	8'0" (2438 mm)

Minimum Frame Leg Width: 4-1/2"
 Maximum Frame Leg Width: Equivalent to wall thickness
 Minimum Frame Leg Thickness: 3/4"
 Minimum Stop Height: 5/8"
 Minimum Stop Width: 1-1/4"

MDF or Anti-Fire Composite Frame Leg

Swing Type:	Maximum Dimensions	
	Width:	Length:
Single Swing	4'0" (1219 mm)	8'0" (2438 mm)

Minimum Frame Leg Width: 4-1/2"
 Maximum Frame Leg Width: Equivalent to wall thickness
 Minimum Frame Leg Thickness: 3/4"
 Minimum Stop Height: 5/8"
 Minimum Stop Width: 1-1/4"



Wood Frame Leg

Swing Type:	Maximum Dimensions	
	Width:	Length:
Single Swing	4'0" (1219 mm)	8'0" (2438 mm)

Minimum Frame Leg Width: 4-1/2"
 Maximum Frame Leg Width: Equivalent to wall thickness
 Minimum Frame Leg Thickness: 7/8"
 Minimum Stop Height: 5/8"
 Minimum Stop Width: 1-1/4"

LIMITATIONS:

All hinges and applicable hardware must be fire rated for use in openings at or above the fire rating of the frame system being installed. All hinges must be installed as per NFPA 80.

Mortised Door Closer: Allowed only in Neutral Pressure applications

Notes: *Refer to QAI evaluation report F487-2 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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