

## FIRE DOOR FRAME LISTING PROGRAM

Customer: South Shore Millwork, Inc.  
 Class: Fire Doors  
 Location: Norton, Massachusetts  
 Website: <http://southshoremillwork.com/>

Listing No. F437-2  
 Project No. F437-2 Edition 2

Effective Date: September 15, 2016  
 Last Revised Date: August 17, 2021

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

Product: 90 min Rated Positive Pressure Fire Door Frames

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

Models: **90-MINUTE CATEGORY C FIRE DOOR FRAMES:**

### Maximum Frame Sizes

Swing Type:	Maximum Dimensions	
	Width:	Height:
<b>Single Swing</b>	3'0" (915 mm)	10'3" (3124 mm)

### Limitations:

Minimum Frame Width:	4-3/4"
Maximum Frame Width:	Equivalent to wall thickness
Minimum Frame Thickness (Header & Latch Leg):	3/4" (-1/16")
Minimum Frame Thickness (Hinge Leg):	2" (-1/16")
Minimum Stop Height:	5/8"
Minimum Stop Width:	1-1/2"

### Hinges and Hardware:

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.

Preparation of all hinges and hardware shall be made in accordance with NFPA 80, the hinge or hardware manufacturer's installation instructions and templates.

### Mortised Hinges:



Concealed TECTUS Hinge 526 or 626 series allowed in the frame jamb. Pocket dimensions machining per manufacturer's instructions.].

Hinge jamb is constructed with 1 layer of Palusol SW 60-1 core adjacent to the door with alternating layers of HDF between the SW 60-1 and two layers of SW 20-1. Minimum 2" frame thickness.

## Installation:

Shims need to be installed. Silicone caulking applied between the jamb and rough opening on both sides of the assembly. Each hinge needs to be fastened through the shim into the framing with at least #12 x 3" screws. The catch plate needs to be fastened through the shim into the framing with at least #10 x 1-3/4 in. screws. The frame can then be fastened at all non-hinge shim locations with 2" finishing nails. Follow NFPA 80 Installation guidelines. Installation instructions shall be supplied with frames.

Notes: *Refer to QAI evaluation report F473-1 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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