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:
- UL 10B Fire Tests of Doors Assemblies.
- UL 10C Fire Tests of Doors Assemblies.

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

<table>
<thead>
<tr>
<th>Swing Type</th>
<th>Maximum Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width:</td>
</tr>
<tr>
<td>Single Swing</td>
<td>3’0” (915 mm)</td>
</tr>
</tbody>
</table>

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.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warranty is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.

****