FIRE DOOR LISTING PROGRAM

Customer: Masonite Architectural
Class: Fire Doors
Location: London, Ontario
Website: www.masonitearchitectural.com

Listing No. F424
Project No. F424-2 Edition 2

Effective Date: April 22, 2016
Last Revised: March 15, 2017

Standards:

- UL 10(b) Fire Tests of Doors Assemblies.
- UL 10(c) Fire Tests of Doors Assemblies.

Product: 60 min Rated Fire Doors

Label: See FD001 - Fire Door Labeling requirements

Models / Ratings:
60-MINUTE COMPOSITE AND WOOD CORE FIRE DOOR FRAMES:

MAXIMUM FRAME SIZES:

<table>
<thead>
<tr>
<th>Swing Type</th>
<th>Maximum Dimensions Width: Length:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Swing</td>
<td>4'0&quot; (1219 mm) 8'0&quot; (2438 mm)</td>
</tr>
<tr>
<td>Pairs</td>
<td>8'0&quot; (2438 mm) 8'0&quot; (2438 mm)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Swing Type</th>
<th>Maximum Dimensions Width: Length:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Swing</td>
<td>4'0&quot; (1219 mm) 8'0&quot; (2438 mm)</td>
</tr>
</tbody>
</table>

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"
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 F424-2 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.

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 warrantee 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.

***