FIRE DOOR LISTING PROGRAM

Customer: Jeld-Wen Inc.
Class: Fire Resistant Doors
Location: Klamath Falls, Oregon
Website: www.jeld-wen.com

Listing No. F441-1-2-20
Project No. F441-1 Edition 5

Effective Date: May 9, 2017
Last Revised Date: October 9, 2019

Standards:
UL 10B Fire Tests of Door Assemblies
NFPA 252 Standard Methods of Fire Tests of Door Assemblies
CAN/ULC S104 Standard Method for Fire Tests of Door Assemblies

Product: 20 minute Neutral Pressure rated Fire Doors with and without hose stream

Markings: See FD001 - Fire Door Labeling requirements

Models: 20 MINUTE WOOD CORE FIRE DOORS CATEGORY B (NEUTRAL PRESSURE):

Minimum 1-3/4” Thickness

<table>
<thead>
<tr>
<th>Swing Type:</th>
<th>Maximum Dimensions</th>
<th>Panel Type:</th>
<th>Latching:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Swing (hose stream)</td>
<td>4’0” (1219 mm)</td>
<td>9’0” (2743 mm)</td>
<td>Flat or Raised</td>
</tr>
<tr>
<td>Pair (no hose stream)</td>
<td>8’0” (2438 mm)</td>
<td>9’0” (2743 mm)</td>
<td>Flat or Raised</td>
</tr>
<tr>
<td>Double Egress</td>
<td>NOT PERMITTED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- The above Category B Neutral Pressure Fire Doors are required to be installed with Category G gasket when used in positive pressure applications. Category G gasket is to be approved and listed for use with wood door types.

Additions / Limitations:
(Review Machining Specifications Report for details)

Latch Sets (Listed and labeled for rated opening and door type)
- Cylindrical Latches
  - Maximum 4-7/16” backset.
  - Maximum 2-1/2” bore size.
- Mortised Latch
  - Max. mortise pocket 4-7/16” deep x 6” high x 1” thick.
Deadbolts  (Listed and labeled for rated opening and door type)
• Maximum 2-3/4” backset (or mortised).
• Maximum 1-1/2” bore size.
• Located a minimum of 12” center-line to center-line above the latch set.

Hinges  (Listed and labeled for rated opening and door type)
• Hinges as per NFPA 80, Table 6.4.3.1.

Fire Exit Devices  (Listed and labeled for rated opening and door type)
• Surface Mounted and Concealed Vertical Rod, Rim Exit Device.
• Installed with through-bolts.

Door Closers  (Listed and labeled for rated opening and door type)
• LCN 420 shield can be used with LCN closer models 2010, 2030, 2910, 3330, and 3330ME.

Viewers  (Listed and labeled for rated opening and door type)
• Maximum 1/2” diameter opening.

Glass Lites  (Listed and labeled for rated opening and door type)
• Glazing material shall be listed and labeled for rated opening, lite kit and door type.
• Listed Steel Lite Kit – max. 1040 sq. in. (max dimension of 40”).

Door Bottoms Seals  (Listed and labeled for rated opening and door type)
• Automatic door bottom.
• Surface mounted or mortised.
• Max mortise 1-11/16” deep x 15/16” wide, centered.

Surface Mounted Bolts
(Listed and labeled for rated opening and door type)
• Surface mounted manual bolts.
• Surface mounted automatic bolts.

Notes:
• Refer to QAI evaluation report F441-1 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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