FIRE DOOR LISTING PROGRAM

Customer: CR Doors & Moulding LLC
Class: Fire Doors
Location: Springville, UT
Website: www.crdoors.net

Listing No. F451-1
Project No. F451-1 Edition 1

Effective Date: January 12, 2018
Last Revised Date: January 12, 2018

UL 10(b) Fire Tests of Doors Assemblies.
UL 10(c) Fire Tests of Doors Assemblies.
NFPA 252 Standard Methods of Fire Tests of Door Assemblies.

Product: 20 min Rated ‘Category B’ Positive Pressure Fire Doors

Markings: See FD001 - Fire Door Labeling requirements

Models: 20-MINUTE PARTICLEBOARD CORE PROFILED DOORS:

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></td>
<td>Width:</td>
<td>Length:</td>
<td></td>
</tr>
<tr>
<td>Single Swing</td>
<td>3’0” (914 mm)</td>
<td>8’0” (2438 mm)</td>
<td>Profiled</td>
</tr>
<tr>
<td></td>
<td>3’6” (1067 mm)</td>
<td>7’0” (2134 mm)</td>
<td>Profiled</td>
</tr>
<tr>
<td>Pairs</td>
<td>6’0” (1828 mm)</td>
<td>7’0” (2134 mm)</td>
<td>Profiled</td>
</tr>
</tbody>
</table>
Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and Labeled)
- Mortise Lockset (Listed and Labeled)
- Deadbolt (Listed and Labeled)
- Light Kit (Listed and Labelled)
  - Listed Steel Lite Kit – max. 1296 sq. in. (max dimension of 54”)
- Surface Mounted Fire Exit Devices (Listed and Labeled)
- Surface Mounted and Concealed Flushbolts (Listed and Labeled)
- Automatic Door Bottoms (Listed and Labeled)
- Surface Mounted Closers (Listed and Labeled)
- Protection Plates
  - Brass, bronze, steel, aluminum, polycarbonate, or decorative laminate maximum 16” up from bottom of door edge.
- Viewers (Listed and Labeled)
- Electrical Raceway
  - 3/8” x 3/8” through the door core
- Louvers (Listed and Labeled)
  - Maximum size: 24” x 24”

Notes: Refer to QAI evaluation report F451-1 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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