FIRE DOORS LISTING PROGRAM

Customer: Doorland 2000 Inc.
Class: Fire Doors
Location: Woodbridge, ON
Website: www.doorlandgroup.com

Listing No. F447-1
Project No. F447-1 Edition 1

Effective Date: October 27, 2017
Last Revised Date: October 27, 2017

Standards: CAN/ULC-S104
UL 10(b)
UL 10(c)
NFPA 252

Product: 45 min Rated ‘Category A’ Positive Pressure Fire Doors

Labels: See FD001 - Fire Door Labeling requirements

Models: 45-MINUTE PARTICLEBOARD CORE PANEL 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>4'0”</td>
<td>8'0”</td>
<td>Single Point</td>
</tr>
<tr>
<td></td>
<td>(1219 mm)</td>
<td>(2438 mm)</td>
<td>(Mortised or Cylindrical)</td>
</tr>
<tr>
<td>Pairs</td>
<td>6’0”</td>
<td>7’0”</td>
<td>Stile and Rail</td>
</tr>
<tr>
<td></td>
<td>(1829 mm)</td>
<td>(2134 mm)</td>
<td></td>
</tr>
</tbody>
</table>
Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and labeled)
- Mortise Lockset (Listed and labeled)
  - Maximum cutout dimensions are 1-1/16" wide by 4-3/4" deep by 6-3/4" long.
- Card Locks (Listed and labeled)
- Hospital Locks (Listed and labeled)
- Deadlock (Listed and labeled)
- Fire Exit Devices (Listed and labeled)
  - Surface mounted vertical rod, RIM surface mounted exit devices.
- Surface mounted door stop (Listed and labeled)
- Surface mounted overhead and floor door closer (Listed and labeled)
- Surface mounted door bottom (Listed and labeled)
- Light Kit (Listed and labeled)
  - Listed Steel Lite Kit – max. 1296 sq. in. (max dimension of 54").
- Manual or automatic flush bolts (Listed and labelled)
- Magnetic Switch
  - Maximum cutout for rectangular switch is 3-5/8” x 1” x 1”.
  - Maximum cutout for tubular switch is 1” diameter x 1-5/8” deep.
- Viewers (Listed and labeled)
- Protection Plates
  - Brass, bronze, steel, aluminum, ploycarbonate or decorative laminate installed on one or both sides of the door.
- Louvers
  - Maximum dimensions of 24” x 24”.

Notes: Refer to QAI evaluation report F447-1 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 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.