FIRE DOORS LISTING PROGRAM

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

Listing No. F447-2
Project No. F447-2 Edition 1

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

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

Product: 20 min Rated Positive Pressure Fire Door Frames

Labels: See FD001 - Fire Door Labeling requirements

Models: 20-MINUTE FYREFRAME WOOD FIRE DOOR FRAMES:

MAXIMUM FRAME SIZES:

Soft-Wood – SPF or more dense species (SG = 0.36 @ 12% MC)

<table>
<thead>
<tr>
<th>Swing Type</th>
<th>Maximum Dimensions</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Width:</td>
</tr>
<tr>
<td>Single Swing</td>
<td>3'6&quot; (1067 mm)</td>
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<tr>
<td>Pairs</td>
<td>5'6&quot; (1676 mm)</td>
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</tbody>
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Hard-Wood – Maple or more dense species (SG = 0.53 @ 12% MC)

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

Minimum Frame Leg Width: 4-9/16"
Maximum Frame Leg Width: Equivalent to wall thickness
Minimum Frame Leg Thickness: 3/4"
Minimum Rabbet for Door: 2-1/16" (Single Rabbet)
Minimum Rabbet for Door: 1-5/8" (Double Rabbet)
Minimum Stop Height: 1/2"
Minimum Stop Width: 2-7/16" (Single Rabbet)
Minimum Stop Width: 1-1/2" (Double Rabbet)

Casing: Minimum 3/8" thickness and minimum 1-3/8" width. Birch or more dense species (SG = 0.62 @ 12% MC).

Kerf: 1/8" x 3/8" for single rabbet.

Magnetic Contact Switch: Maximum 1" diameter hole through the thickness of the frame at the door rabbet location. Must be located 40" or less from the bottom of the rough opening centered 7/8" from the frame edge.

Mortised Door Closer: Not Allowed.

Refer to QAI evaluation report F447-2 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.

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