# 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

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

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

**Markings:** See [FD001 - Fire Door Labeling requirements](#)

**Models:** **20-MINUTE WOOD CORE FLUSH DOORS:**

<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&quot; (1219 mm)</td>
<td>9'0&quot; (2743 mm)</td>
<td>Flush</td>
</tr>
<tr>
<td></td>
<td>3'0&quot; (914 mm)*</td>
<td>10'0&quot; (3048 mm)</td>
<td></td>
</tr>
<tr>
<td>Single Swing Dutch Door</td>
<td>4'0&quot; (1219 mm)</td>
<td>8'0&quot; (2438 mm)</td>
<td>Flush</td>
</tr>
<tr>
<td>Pairs</td>
<td>8'0&quot; (2438 mm)</td>
<td>9'0&quot; (2743 mm)</td>
<td>Flush</td>
</tr>
<tr>
<td>Double Egress</td>
<td>8'0&quot; (2438 mm)</td>
<td>8'0&quot; (2438 mm)</td>
<td>Flush</td>
</tr>
</tbody>
</table>

*Transom Allowed – 3'0" wide x 3'4" high maximum

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WWW.QAI.ORG  
info@qai.org
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 Labellled)
  - Listed Steel Lite Kit – max. 1296 sq. in. (max dimension of 54")
- Surface Mounted Fire Exit Devices (Listed and Labeled)
- Manual Flushbolts (Listed and Labeled)
- Automatic Door Bottoms (Listed and Labeled)
- Surface Mounted and Concealed Closers (Listed and Labeled)
- Protection Plates
  - Brass, bronze, steel, aluminum, polycarbonate, or decorative laminate maximum 48" high.
- 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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