FIRE DOOR LISTING PROGRAM

Customer: VT Industries, Inc.
Class: Fire Doors
Location: Holstein, IA
Website: www.vtindustries.com

Listing No. F439
Project No. F439-1 Edition 1

Effective Date: February 24, 2017
Last Revised Date: February 24, 2017

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

Product: 90 min Rated Fire Doors

Markings: See FD001 - Fire Door Labeling requirements

Models: 90-MINUTE LAMINATED 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: 4'0&quot; (1219 mm)</td>
<td>Raised or Flat</td>
<td>Single Point (Mortised or Cylindrical)</td>
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<tr>
<td></td>
<td>Length: 8'0&quot; (2438 mm)</td>
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Temperature rise
- @30 min = 250°F MAX where lites do not exceed 100 in²
Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and Labeled)
- Mortise Lockset (Listed and Labeled)
- Fire Exit Devices – Surface mounted vertical rod and RIM exit devices.
- Surface mounted and concealed door closer.
- Light Kit – Max 100 square inches, max length = 25”, max width = 10” (listed and labeled vision kit)
- Surface mounted door bottom (listed and labeled)
- Electric Raceway
- Louvers – Advantage Lites and Louvers model 200AIL

Notes: Refer to QAI evaluation report F439-1 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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