FIRE DOOR LISTING PROGRAM

Customer: Syntegra, LLC
Class: Hollow Metal Fire Doors
Location: Rancho Cucamonga, CA
Website: www.syntegrausa.com
Listing No. F420-2
Project No. F420-2 Edition 5
Effective Date: November 10, 2015
Last Revised: August 17, 2020

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

Product: 90 min Rated Steel Stiffened Hollow Metal Fire Doors
Label: See FD001 - Fire Door Labeling requirements

Models / Ratings:
90 MINUTE STEEL STIFFENED HOLLOW METAL FIRE DOORS:
Hollow Metal Type (14, 16, 18, 20 gauge) steel stiffened swinging flush fire door

MAXIMUM DOOR SIZES:
Minimum 1-3/4” Thickness

<table>
<thead>
<tr>
<th>Swing Type</th>
<th>Maximum Width</th>
<th>Maximum Length</th>
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</thead>
<tbody>
<tr>
<td>Single Swing</td>
<td>4'3” (1295 mm)</td>
<td>9’0” (2743 mm)</td>
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<tr>
<td>Pairs</td>
<td>8’6” (2591 mm)</td>
<td>10’0” (3048 mm)</td>
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<tr>
<td>Double Egress</td>
<td>8’6” (2591 mm)</td>
<td>10’0” (3048 mm)</td>
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Limitations: (Review Machining Report for further detail)

- Mortised Latch
  - Syntegra LLC Hardware
    - LX Series Latch Hardware
    - PX Series Integrated Hardware
    - XT Series Integrated Exit Hardware
- Surface Mounted and Mortised Fire Exit Devices
- Viewers (Maximum size of 1" diameter)
- Surface Mounted and Concealed Door Closer
- Surface Mounted and Concealed Door Bottoms
- Glass Lights
  - Listed Steel Lite Kit – max. 1296 sq. in. (max dimension of 54") or maximum size limitation for listed lite kit assembly
- Louvers are not permitted
- Other Hardware
  - Appropriately rated hardware that has been tested and approved for hollow metal doors.

Notes: Refer to QAI evaluation report F420-2 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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