BUILDING PRODUCTS LISTING PROGRAM

Customer: Syntegra, LLC
Class: Door Hardware
Location: San Dimas, CA
Website: http://www.syntegrausa.com

Listing No. F420-1
Project No. F420-1 Edition 2

Effective Date: June 18, 2015
Last Revised Date: September 12, 2016
Expires: N/A

Standards:
- CAN/ULC-S104: Standard Method for Fire Tests of Door Assemblies
- UL 10b: Fire Tests of Doors Assemblies
- UL 10c: Fire Tests of Doors Assemblies
- NFPA 252: Standard Methods of Fire Tests of Door Assemblies
- ANSI/UL 305: Standard for Safety for Panic Hardware

Product: Fire Rated Hardware
Panic Hardware

Markings: Each unit is marked with the following content on a permanent label that is readily visible after installation of the hardware:

Models / Ratings:

Fire Door hardware conforming to CAN/ULC-S104, UL 10b, UL 10c and NFPA 252:

- LX Series - Lever Operated Fire Rated CVR
- PX Series - Recessed Fire Rated CVR
- XT Series - Recessed Exit Device CVR

Maximum Fire Rating: 3 hour

Panic hardware conforming to UL 305:

- XT Series - Recessed Exit Device CVR
Limitations: For use in approved fire doors to the following maximum sizes:

**Minimum 1-3/4” Slab Thickness**

<table>
<thead>
<tr>
<th>Door Swing Type:</th>
<th>Maximum Door Assembly Dimensions:</th>
<th>Maximum Fire Rating:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Width:</td>
<td>Length:</td>
</tr>
<tr>
<td>Single Swing</td>
<td>4'3” (1295 mm)</td>
<td>10’0” (3048 mm)</td>
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<tr>
<td>Pairs</td>
<td>8’6” (2591 mm)</td>
<td>10’0” (3048 mm)</td>
</tr>
<tr>
<td>Double Egress</td>
<td>8’6” (2591 mm)</td>
<td>10’0” (3048 mm)</td>
</tr>
</tbody>
</table>

For installation into Listed doors that are approved for mortised integrated hardware:

- LX Series can be installed into Listed doors that are approved for either top only or top and bottom latching.
- PX and XT Series hardware can be installed into Listed door that are approved for integrated panic bar hardware for either for either top only or top and bottom latching.

Note: Contact door slab manufacturer and the 3rd party certification body to ensure that this hardware will not affect the fire resistance rating of the door slab

Notes: 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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