

FIRE DOOR LISTING PROGRAM

Customer: Syntegra, LLC
 Class: Hollow Metal Fire Doors
 Location: San Dimas, CA
 Website: www.syntegrausa.com

Listing No. F420-2
 Project No. F420-2 Edition 3

Effective Date: November 10, 2015
 Last Revised Date: October 4, 2017

Standards:	CAN/ULC-S104 UL 10(b) UL 10(c) NFPA 252	<i>Standard Method for Fire Tests of Door Assemblies. Fire Tests of Doors Assemblies. Fire Tests of Doors Assemblies. Standard Methods of Fire Tests of Door Assemblies.</i>
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Product: 180 minute Honeycomb Core Hollow Metal Fire Doors

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

Models: **180 MINUTE* HONEYCOMB CORE HOLLOW METAL FIRE DOORS**
 *Note: Refer to limitations section for limitations on glazing for each rating.

Hollow Metal Type (14, 16, 18, 20 gauge) paper honeycomb core swinging flush fire door.

MAXIMUM DOOR SIZES:

Minimum 1-3/4" Thickness

Swing Type:	Maximum Dimensions	
	Width:	Length:
Single Swing	4'3" (1295 mm)	8'2" (2489 mm)
Pairs	8'6" (2591 mm)	8'2" (2489 mm)
Double Egress	8'6" (2591 mm)	8'2" (2489 mm)

Limitations: (Review Machining Report for further detail)

- Cylindrical Latch
- 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 Bottom
- Louvers
 - Maximum size of 24" x 24" installed below the latch.
- Glass Lights
 - For slabs rated for 20 and 45 minutes, a maximum 30" x 90" not exceeding 2019 sq. in. area is permitted with a listed steel lite kit or maximum tested size by the manufacturer of the glass.
 - For slabs rated 60 minutes or higher, a maximum size tested by the manufacturer of the glass.
- Protection Plates
 - Maximum 16 gauge steel armored plated may be added at a maximum size of 36" wide by 48" high.

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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