

## 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 20, 2020

Standards: CAN/ULC-S104 *Standard Method for Fire Tests of Door Assemblies.*  
 UL 10(b) *Fire Tests of Doors Assemblies.*  
 UL 10(c) *Fire Tests of Doors Assemblies.*  
 NFPA 252 *Standard Methods of Fire Tests of Door Assemblies.*

Product: 180 minute Rated Honeycomb Core Hollow Metal Fire Doors

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



Models / Ratings: **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)	8'0" (2438 mm)
Pairs	8'6" (2591 mm)	8'0" (2438 mm)
Double Egress	8'6" (2591 mm)	8'0" (2438 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 Bottoms
- Louvers must be listed and labeled to a maximum 24" x 24" installed below the latch
- Glass Lights
  - For slabs rated for 20 & 45 Minute, 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 minute 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
- 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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