

## 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 6  
 Effective Date: November 10, 2015  
 Last Revised: October 6, 2023

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: 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**

Swing Type:	Maximum Dimensions	
	Width:	Length:
Single Swing	4'3" (1295 mm)	9'0" (2743 mm)
Pairs	8'6" (2591 mm)	10'0" (3048 mm)
Double Egress	8'6" (2591 mm)	10'0" (3048 mm)



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.
- Protection Plates: Metal-type kick plates are 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).*

*The product is to be installed in accordance with the manufacturer's published installation instructions by qualified installing personnel.*

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