

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 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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