

## FIRE DOOR LISTING PROGRAM

Customer: Daiek Woodworks  
 Class: Fire Doors  
 Location: Sterling Heights, Michigan  
 Website: www.daiekwoodworks.com  
 Listing No. F416  
 Project No. F416-1 Edition 3  
 Effective Date: May 3, 2016  
 Last Revised: May 3, 2016  
 Expires: <N/A>

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: 20 min Rated Fire Doors

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

Models / Ratings: **20-MINUTE STILE AND RAIL WOOD PANEL DOORS:**

**MAXIMUM DOOR SIZES:**

**Minimum 1-3/4" Thickness**

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	3'6" (1067 mm)	9'0" (2438 mm)	Flush or Raised	<b>Single Point</b> (Mortised or Cylindrical)
	4'0" (1067 mm)	8'0" (2438 mm)		
Pairs	8'0" (2438 mm) Maximum	8'0" (2438 mm) Maximum	Flush or Raised	<b>3 or 4 point</b> (Active: Mortised or Cylindrical) (Inactive: Mortised (Manual or Automatic) and Surface Mounted Flush Bolts)

Limitations: (Review Machining Report for further detail)

- Surface Mounted Hardware
- Cylindrical Latches (Listed and Labelled)
- Listed Viewers
- Mortise manual or automatic flush bolts
- Mortise Lockset (Listed and Labelled)
  - [Max. mortise pocket 4-7/16" deep x 6-1/16" high x 1" thick]
  - Assa Abloy Hospitality AS – Vingcard Mortise Hardware
    - "VingCard Alu" or "Trio VingAccess Alu", Series 1050, 1060, 1070, 1080, 1090
    - 1000 Series; Models 1001, -02, -04, -07, -12, -14, -15, -57, -85 with 19.05 mm (3/4 in.) latch bolts; may include suffix letters -K, -KVC, -L or -LVC
    - "3000 DaVinci, Euro DaVinci and Presidio" battery operated units
    - "Signature Series, Euro, ANSI and US ANSI" battery operated units
    - "Allure Series, Euro, ANSI and US ANSI" battery operated units
    - "Essence Series, Euro, ANSI (DB) and US ANSI (DA)" battery operated units
- Fire Exit Devices
  - Surface mounted vertical rod, RIM and concealed vertical rod exit devices (Does not require Palusol protection)
- Surface Mounted and concealed door closer (Listed and Labelled)
  - Max mortise 22-1/2" long by 1-3/8" deep by 1-1/4" wide
- Light Kit (Listed and Labelled)
  - Listed Steel Lite Kit – max. 1216 sq. in. (max dimension of 54")
  - BASF Proprietary clip light kit – max. 2656 sq. in. (max. dimension of 83")
- Electric Raceway
- Surface Mounted and concealed door bottom (Listed and Labelled)
  - Max mortise 1-3/4" deep by 1" wide by full width of the door

Notes: *Refer to QAI evaluation report F416-1 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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