

FIRE DOOR LISTING PROGRAM

Customer: VT Industries, Inc.
 Class: Fire Doors
 Location: Holstein, IA
 Website: www.vtindustries.com

Listing No. F439
 Project No. F439-1 Edition 1

Effective Date: February 24, 2017
 Last Revised Date: February 24, 2017

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

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

Models: **20-MINUTE CR ROUTED DOORS:**

Minimum 1-3/4" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	4'0" (1219 mm)	8'0" (2438 mm)	Flush Routed	Single Point (Mortised or Cylindrical)
Pairs	8'0" (2438 mm)	8'0" (2438 mm)	Flush Routed	3 point (Active: Mortised or Cylindrical) (Inactive: Mortised (Manual or Automatic) and Surface Mounted Flush Bolts)



Limitations: (Review Machining Report for further detail)

- Routing:
 - Maximum Route Depth: 0.4375"
 - Maximum Route Width: 2"
- Cylindrical Latches (Listed and Labeled)
- Mortise Latches (Listed and Labeled)
- Deadbolts (Listed and Labeled)
- Viewers (Listed and Labeled)
- Fire Exit Devices (Listed and Labeled)
 - Surface mounted vertical rod exit devices
- Surface Mounted door closer (Listed and Labeled)
- Light Kit (Listed and Labeled)
 - Glazing material shall be listed and labeled for rated opening, light kit and door type
 - Glazing installed in accordance with NFPA 80, and the listed light kit frame installation instructions
- Surface Mounted door bottom (Listed and Labeled)
 - Max mortise 1-3/4" deep by 1" wide by full width of the door

Notes: *Refer to QAI evaluation report F439-1 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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