

## 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 LAMINATED CORE PANEL 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)	Raised or Flat	<b>Single Point</b> (Mortised or Cylindrical)
Arched Top Single Swing <sup>1</sup>	3'0" (914 mm)	8'6" (2591 mm)	Glass	<b>Single Point</b> (Mortised or Cylindrical)
Pairs	7'0" (2134 mm)	8'0" (2438 mm)	Flat or Raised	<b>3 or 4 point</b> (Active: Mortised or Cylindrical) (Inactive: Mortised (Manual or Automatic) and Surface Mounted Flush Bolts)

Note 1: Assembly does not meet hose stream requirements of noted test methods. It is fit for use under the International Building Code.



## Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and Labeled)
- Mortise Lockset (Listed and Labeled)
- "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 19.05mm (3/4") 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 (D\*) and US ANSI (DA)" battery operated units
- Fire Exit Devices – Surface mounted vertical rod, RIM and concealed vertical rod exit devices.
- Surface mounted and concealed door closer. FyreWerks Fyreblock intumescent on all 5 sides of the cutout.
- Light Kit – Max 1,296 square inches, max length = 54", max width = 30" (listed and labeled vision kit)
- Surface mounted or concealed door bottom (listed and labeled)
- Electric Raceway
- Louvers – Advantage Lites and Louvers model 200AIL
- Flush bolts – mortised manual, surface mounted manual, mortised automatic

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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