QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.
WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.
TORONTO, ON 416.550.9280
SEATTLE, WA 425.512.8419
WEBSITE: WWW.QAI.ORG

FIRE DOOR LISTING PROGRAM

Customer:	TruStile Doors, LLC	
Class:	Fire Doors	
Location:	Denver, Colorado	
Website:	www.trustile.com	
Listing No.	F422	
Project No.	F422-1 Edition 2	
Effective Date:	April 26, 2016	
Last Revised:	April 26, 2016	
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: 60 min Rated Fire Doors

Label: See *FD001 - Fire Door Labeling requirements*

Models / Ratings: **60-MINUTE LAMINATED CORE 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)	8'0" (2438 mm)	Flush Milled, Flush or Raised	**Single Point** (Mortised or Cylindrical)
	4'0" (1067 mm)	7'0" (2134 mm)		
	4'0" (1067 mm)	8'0" (2438 mm)		
Arched Top Single Swing	3'6" (1067 mm)	8'0" (2438 mm)	Flush or Raised	
Pairs	7'0" (2134 mm)	8'0" (2438 mm)	Flush or Raised	**3 or 4 point** (Active: Mortised or Cylindrical) (Inactive: Surface Mounted Flush Bolts)
	8'0" (2438 mm)	7'0" (2134 mm)		
Double Egress	7'0" (2134 mm)	8'0" (2438 mm)	Flush or Raised	**4 point** (Concealed or Surface Mounted)

Temperature rise

- @30 min = 250°F MAX where lites do not exceed 100 in²
- @30 min = 250°C MAX where lites do not exceed 100 in²
- @60 min = 250°C MAX where light do not exceed 100 in²

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.
WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.
TORONTO, ON   416.550.9280
SEATTLE, WA   425.512.8419
WEBSITE: WWW.QAI.ORG

Limitations: (Review Machining Report for further detail)

- Surface Mounted Hardware
- Cylindrical Latches (Listed and Labelled)
- Mortise Lockset (Listed and Labelled)
  - [Max. mortise pocket 4-7/16" deep x 6-1/16" high x 1" thick]
- Listed Viewers
- Fire Exit Devices
  - Surface mounted vertical rod, RIM and concealed vertical rod exit devices
- 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. 1296 sq. in. (max dimension of 54")
  - BASF Proprietary steel channel light kit – max. 600 sq. in. (max. dimension of 36")
- 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 F422-1 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.

***