QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

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TORONTO, ON   416.550.9280
SEATTLE, WA   425.512.8419
WEBSITE: WWW.QAI.ORG

FIRE DOORS LISTING PROGRAM

Customer: Doorland 2000 Inc.
Class: Fire Doors
Location: Woodbridge, ON
Website: www.doorlandgroup.com

Listing No. F447-1
Project No. F447-1 Edition 1

Effective Date: October 27, 2017
Last Revised Date: October 27, 2017

Standards:
UL 10(b)		*Fire Tests of Door Assemblies.*
UL 10(c)		*Fire Tests of Door Assemblies.*
NFPA 252		*Standard Methods of Fire Tests of Door Assemblies.*

Product: 45 min Rated 'Category A' and 'Category B' Positive Pressure Fire Doors

Labels: See *FD001 - Fire Door Labeling requirements*

Models: **45-MINUTE MINERAL CORE FLUSH DUTCH DOORS:**

Minimum 1-3/4" Thickness

Swing Type:	Maximum Dimensions		Panel Type:	Latching:
	Width:	Length:		
Single Swing	4'0" (1219 mm)	9'0" (2743 mm)	Flush	**Single Point** (Mortised or Cylindrical)

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Limitations: (Review Machining Report for further detail)

- Cylindrical Latches (Listed and labeled)
- Mortise Lockset (Listed and labeled)
- Deadlock (Listed and labeled)
- Fire Exit Devices (Listed and labeled)
  - Surface mounted vertical rod, RIM and concealed vertical rod exit devices.
- Surface mounted and mortised overhead door closer (Listed and labeled)
- Floor closer (Listed and labeled)
- Light Kit (Listed and labeled)
  - Listed Steel Lite Kit – max. 100 sq. in. listed glazing (max dimension of 33").
  - Listed Steel Lite Kit – max. 100 sq. in. FireLite, FireLite NT, FireLite Plus, and FireLite IGU glazing (max dimension of 33").
  - Anemostat Metal Lite Kit – max. 3204 sq. in. FireLite, FireLite NT, FireLite Plus, and FireLite IGU glazing (max dimension of 89").
  - Air Louvers Model VL3000 Lite Kit – max. 1920 sq. in. listed glazing (max dimension of 80").
- Electrical Raceway
- Mortised or surface mounted automatic or manual flush bolts (Listed and labeled)
- Viewers (Listed and labeled)
- Surface Mounted and mortised automatic door bottom (Listed and labeled)
- Louvers (Listed and labeled)
  - Multiple louvers allowed at a maximum area of 1296 sq. in. (max dimension of 24").
- Cladding Material
  - Listed and labeled materials for use on fire doors.
- Protection Plates
  - Brass, bronze, steel, Acrovyn, or aluminum may be installed on one or both sides of the door at a maximum size of 48" high x width of door.

Notes: *Refer to QAI evaluation report F447-1 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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