FLOOR DOOR CATALOG

DIVISION 08 30 00
DIVISION 08 31 16

SPECIALTY DOORS AND FRAMES
FLOOR DOORS

ACTIVAR
CONSTRUCTION PRODUCTS GROUP INC.
**FLOOR DOOR: FIRE-RATED**

**FFD™ SERIES: FIRE-RATED FLOOR DOORS**

JL offers 1, 2 and 3 hour fire rated floor door models that are designed to control the transmission of heat and flames when installed in a floor-ceiling assembly with a maximum temperature rise of 250°F for the specified rating period.

**PRODUCT DETAILS:**

- **Exterior Frame:** 12 ga (2.75 mm) galvannealed steel, supplied with stainless steel anchor straps with heat-resistant rope fiber gasket.
- **Door Frame:** 14 ga (1.99 mm) galvannealed steel
- **Door Panel:**
  - FFD1 & FFD2: 3/16" (4.78 mm) steel diamond plate exterior with 12 ga gavlannealed steel stiffener channels.
  - FFD3: 1/4" (6.35mm) aluminum diamond plate exterior with 12ga stiffener channels
- **Standard Finish:**
  - FFD1 & FFD2: Gray primer on steel door panel & frames and bituminous coating on outer frame.
  - FFD3: Gray primer on steel frames, bituminous coating on outer frame and mill finish aluminum door panel
- **Insulation:** High temperature insulation in door
- **Latch:** 316 Stainless steel slam latch with removable cover plug, operable from the top side by a removable tool and underside by a spoon handle.
- **Hinge:**
  - FFD1 & FFD2: Continuous stainless steel piano hinge
  - FFD3: Heavy duty continuous zinc plated steel hinge with brass pin
- **Spring:** 316 Stainless steel nitrogen cylinder(s)
- **Sizes:**
  - FFD1 & FFD2: Minimum 16" x 16", Maximum 42" x 54"
  - FFD3: Minimum 30" x 24", Maximum 64" x 60"
- **Live Load:** 150 psf

**Note:** Floor Door is not to be exposed to rain or wet environments. Intended for dry location use only.

**FIRE RATING:**


**ADDITIONAL OPTIONS:**

- **Wood Frame Installing:** Supplied with fasteners, drivers and high temperature sealer, outer steel frame prime coated (no anchor straps, no bituminous coating) Only for FFD1 & FFD2.
- **Door Panel Options:**
  - FFD1 & FFD2: 1/4" aluminum diamond plate, 1/4" aluminum smooth plate, 1/4" steel diamond plate, 3/16" steel smooth plate, Recessed aluminum smooth plate for 3/16" VCT tile or carpet
  - FFD3: 1/4" aluminum smooth plate
- **Self Closing Mechanism:** 165°F fusible link melts during fire automatically closing door without warning by releasing gas in cylinders. This option is not retrofittable, and is not available for FFD3 sizes 42”x42” and larger.
- **Latch:** Hand operated stainless steel recessed turn handle or Recessed stainless steel turn handle with detention lock underside, or Detention lock topside with operable knob underside, or Padlock hasp on underside.

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**MODELS**

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ORDER SIZE = FRAME INSIDE DIMENSION
FLOOR DOOR

FLDA SERIES: ANGLED FLOOR DOOR

A flush floor door that is designed to remain corrosion-free with non-slip diamond plate surface.

PRODUCT DETAILS:

Frame Material: 1/4" extruded aluminum  
Door Material: Reinforced 1/4" diamond aluminum plate.  
Standard Finish: Mill with bituminous coating on outer frame  
Latch: 304 Stainless steel slam latch with flush key operator on exterior and handle opener on inside. Removable stainless 18-8 threaded screw and 5/16" steel square key included.  
Hinge: 304 Stainless steel  
Spring: 304 Stainless steel gas assist opener  
Hold Open Arm: Stainless steel automatic locking hold open arm  
Load: 300 psf  
Sizes: Minimum 24" x 24", Maximum 60" x 60"

ADDITIONAL OPTIONS:

Padlock tab

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FLDE SERIES: ANGLED EXISTING FLOOR DOOR

The retrofit floor door is ready to be installed in an existing floor opening.

PRODUCT DETAILS:

Frame Material: 1/4" extruded aluminum  
Door Material: Reinforced 1/4" diamond aluminum plate.  
Standard Finish: Mill  
Frame Construction: Pre-drilled .28" dia mounting holes for 1/4" hardware (by others) 1-3/4" from bottom of frame  
Latch: 304 Stainless steel slam latch with flush key operator on exterior and handle opener on inside. Removable stainless 18-8 threaded screw and 5/16" steel square key included.  
Hinge: 304 Stainless steel  
Spring: 304 Stainless steel gas assist opener  
Hold Open Arm: Stainless steel automatic locking hold open arm  
Load: 300 psf  
Sizes: Minimum 23" x 23", Maximum 48" x 48"

ADDITIONAL OPTIONS:

Padlock tab
FLOOR DOOR

**FLDD SERIES: DRAINABLE FLOOR DOOR**

A flush aluminum floor door with integral gutter system for water run-off.

**PRODUCT DETAILS:**

- **Frame Material:** 1/4” extruded aluminum
- **Door Material:** Reinforced 1/4” diamond aluminum plate.
- **Standard Finish:** Mill with bituminous coating on outer frame
- **Latch:** 304 Stainless steel slam latch with flush key operator on exterior and handle opener on inside. Removable stainless 18-8 threaded screw and 5/16” steel square key included.
- **Hinge:** 304 Stainless steel
- **Spring:** 304 Stainless steel gas assist opener
- **Hold Open Arm:** Stainless steel automatic locking hold open arm

**Load:** 300psf

**Sizes:** Minimum 24” x 24”, Maximum 60” x 60”

**ADDITIONAL OPTIONS:**

- Padlock tab

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**FLDR SERIES: RECESSED FLOOR DOOR**

This architectural recessed floor door is designed to accommodate the installation of 1/8” tile or carpet to blend in with surrounding flooring.

**PRODUCT DETAILS:**

- **Frame Material:** 1/4” x 3” x 3” angle aluminum with 1/8” lip for flooring infill and bolt-on masonry anchors.
- **Door Material:** 1/4” aluminum smooth plate with 1/8” lip for flooring infill.
- **Standard Finish:** Mill
- **Latch:** Zinc plated steel slam latch with flush key operator on exterior and handle opener on inside. Chrome plated 5/16” steel square key included.
- **Hinge:** Aluminum arm-type hinge with 304 stainless steel bolts
- **Spring:** Cold-rolled steel 3/16” round torsion bar
- **Hold Open Arm:** Aluminum automatic locking hold open arm with red vinyl grip handle

**Load:** 150psf

**Sizes:** Minimum 24” x 24”, Maximum 60” x 60”

**ADDITIONAL OPTIONS:**

- Door and frame with 3/16” lip for flooring infill
- 304 Stainless steel slam latch
- Bituminous coating on outer frame
- Neoprene Gasketing

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