



Floor Doors + Hatches

08 3483 | PRODUCT CATALOG



Great Products.
Better Partners.



Great Products. Better Partners.



FALL PROTECTION

05 5213 / 07 7200



ACCESS DOORS

08 3100



ROOF HATCHES + SMOKE VENTS

07 7200



STAIR TREADS + NOSINGS

05 5000



LUMINOUS EGRESS

10 1443



ENTRANCE MATS + GRILLES

12 4813 / 12 4816



FLOOR DOORS + HATCHES

08 3483



Access where it matters

Floor Doors + Hatches

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More than a source for your
commercial building products...

A Partnership

Dear Partner,

Thank you for your continued confidence in Babcock-Davis. On behalf of the entire company, I can tell you that we are motivated and inspired to from our partnership. Working with you to deliver commercial building products and services that exceed your expectations is our top priority.

For over 100 years, we have remained dedicated to building and designing the highest quality commercial building products. Our product offering and manufacturing capabilities have grown significantly over the years thanks to the quality commitment of our many hard working employees in Minnesota. We proudly stand behind every product that we ship out every day and around the world.

Sourcing commercial building products is never as simple as it seems. This is particularly true when it comes to the type of specialty and architectural building products that we supply. It takes a collaborative effort of resources and information to get the job done right. We understand all the complexities and time sensitivities involved. This is why we have built such a strong network of people and processes to better serve all of you, our partners. We do so with flexibility and nimbleness that fit your objectives-not ours.

We are excited for the future and the opportunity to work with you and to continue to exceed your expectations. You have our commitment that we will work hard every day to help you succeed.

If there is anything that we can do to improve our service to you, we will listen.

Sincerely,



Sue W. Thomas | CHIEF EXECUTIVE OFFICER

EXPANDED
SIZES



Fire-Rated

DIAMOND TREAD FLOOR DOOR

Babcock Davis Diamond Tread Floor Door is redesigned to offer larger sizes and is tested to NFPA 288 standards to offer 2 and 3-hour fire ratings. This floor door is reinforced for pedestrian traffic loads and features an aluminum diamond tread cover plate.

FEATURES

SIZES Industry-leading sizes up to 52"x96"

FIRE-RATED Tested to NFPA 288, this floor door is Warnock-Hersey labeled with 2- or 3-hour fire-rating with a maximum temperature rise of 250°F.

DETAILS

LOAD 250 PSF up to 48"x60"; 150 PSF above 48"x60"

COVER Diamond Tread Plate, Aluminum: 1/4" mill finish

FRAME Aluminum, Angle Frame, Thermally Broken

INSTALLATION Cast-In Standard, Bolt-In optional

SPRING Enclosed coil, Type 17-7 Stainless Steel

HINGES Heavy Duty Type 316 Stainless Steel

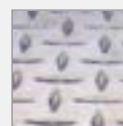
HOA Type 316 Stainless Steel, Optional self-closing

LATCH Slam latch Zinc-Plated Steel with inside lever handle

OPTIONS Self Closing Mechanism, Recessed Padlock Hasp, Mortise Lock

TEST NFPA 288, Warnock Hersey tested and listed by Intertek

MATERIALS

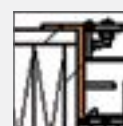


Aluminum

FRAME



Angle Frame
Cast-In



Angle Frame
Bolt-In

ORDER GUIDE - Fire Rated Diamond Tread Floor Door

FDF is standard with 2-hour rating unless 3-hour rating is chosen under "Options"

MODEL	LOAD	MATERIAL	WIDTH	X	LENGTH	COVER & INSTALL	OPTIONS
				X			
BDFD	P - 250 PSF	A - ALUMINUM	24"-48" ¹		24"-60"	SWL -	3HR - 3 HOUR RATING ³
BDFD	L - 150 PSF		>48"-52" ²		>60"-96"	S - SINGLE DOOR W - ANCHORS PROVIDED L - HANDLE	BI - BOLT-IN INSTALLATION ⁴ MC6 - MORTISE LOCK PR - RECESSED PADLOCK HASP SC - SELF CLOSING MECHANISM

¹ The load will default to "L" (150 PSF) for doors greater than 48" x 60" (e.g. FDFLA50x75SWL)

² The load will default to "P" (250 PSF) for doors up to and including 48"x60 (e.g. FDFPA36x36SWL)

³ up to 48x60 only and 250 PSF only

⁴ 2-hour only

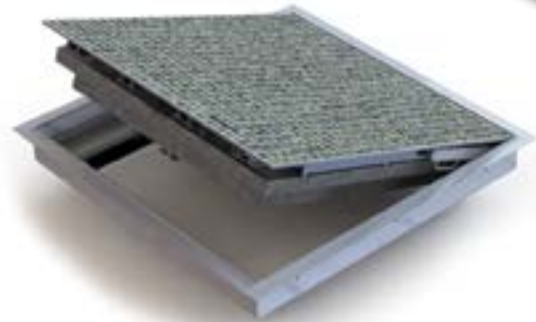
Additional sizes available, call for more information.

Fire-Rated Pan Floor Door

ARCHITECTURAL FLOOR DOOR WITH 1/8" OR 1" RECESSED COVER

EXPANDED
SIZES

The redesigned Babcock Davis Fire-Rated Floor Door features industry-leading sizes, improved interior release handle and tested to NFPA 288 standards. The addition of a 1" recessed cover along with the 1/8" cover accepts a variety of inlaid material, such as wood, concrete, tile, carpet, or vinyl. Interior applications only.



FEATURES

MINIMAL SIGHT LINE Choose a 1/8" or 1" recessed cover for flooring infill to seamlessly integrate with the surrounding area.

FIRE-RATED 2- or 3-hour fire-ratings tested to NFPA 288 (1/8" has 2- or 3-hour, 1" has 2-hour only)



DETAILS

LOAD 250 psf live load up to 48"x60"
150 psf live load above 48"x60"

COVER Aluminum: 1/4" smooth plate with 1/8" or 1" recess

FRAME Aluminum, Angle Frame, Thermally Broken

INSTALLATION Cast-In Standard, Bolt-In optional

SPRING Enclosed coil, Type 17-7 Stainless Steel

HINGES Heavy Duty Type 316 Stainless Steel

HOA Type 316 Stainless Steel, Optional Self Closing

LATCH Slam latch zinc-plated Steel with inside lever handle

OPTIONS Self Closing Mechanism, Recessed Padlock Hasp, Mortise Lock

TEST NFPA 288, Warnock Hersey tested and listed by Intertek

ORDER GUIDE - Fire Rated Architectural 1/8" Pan floor Door

FDF is standard with 2-hour rating unless 3-hour rating is chosen under "Options"

MODEL	LOAD	MATERIAL	WIDTH	X	LENGTH	COVER & INSTALL	OPTIONS
				X			
BDFD	P - 250 PSF	A - ALUMINUM	24"-48" (250 PSF) ²		24"-60" (250 PSF)	SWL -	T1 1/8 INCH TILE DOOR
BDFD	L - 150 PSF		>48"- 52" (150 PSF) ¹		>60"- 96" (150 PSF)	S - SINGLE DOOR W - ANCHORS PROVIDED L - HANDLE	3HR 3 HOUR RATING ³ BI BOLT-IN INSTALLATION ⁴ SC SELF CLOSING MECHANISM PR RECESSED PADLOCK HASP MC6 MORTISE LOCK

¹ The load will default to "L" (150 PSF) for doors greater than 48" x 60" (e.g. FDFA50x75SWL)

² The load will default to "P" (250 PSF) for doors up to and including 48"x60" (e.g. FDFA36x36SWL)

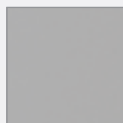
³ up to 48x60 only and 250 PSF only

⁴ 2-hour only

ORDER GUIDE - Fire rated Architectural 1" Pan Floor Door

MODEL	LOAD	MATERIAL	WIDTH	X	LENGTH	COVER & INSTALL	OPTIONS
				X			
BDFD	P - 250 PSF	A - ALUMINUM	24"-48"		24"-48"	SWL -	P1 - 1" INCH TILE DOOR
						S - SINGLE DOOR W - ANCHORS PROVIDED L - HANDLE	BI - BOLT-IN INSTALLATION SC - SELF CLOSING MECHANISM

MATERIALS

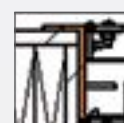


Aluminum

FRAME



Angle Frame
Cast-In



Angle Frame
Bolt-In

Drainable

FLOOR DOOR, 300PSF

The Drainable Floor Door is intended for standard-duty exterior or high moisture areas where liquid flow is required. The frame is constructed with a gutter channel for runoff into a drainage system and includes an EPDM gasket.

FEATURES

LARGEST CLEAR OPENING The components are engineered with a maximum clear opening.

LIGHTER WEIGHT The streamlined design utilizes the spring housing as a door stiffener, resulting in lighter covers.



DETAILS

LOAD 300 psf live load

MATERIAL

- Aluminum: 1/4 inch, mill finish, gray primer on exterior frame (*for cast-in only*)
- Steel: 3/16 inch, gray primer
- Stainless Steel: 3/16 inch, Type 304 or Type 316, bead blasted

COVER Diamond tread plate

FRAME Drainable gutter frame with integral 1 inch anchor flange, EPDM gasket and 1-1/2 inch drain coupling

INSTALLATION Cast In or Bolt-In

SPRING Enclosed coil, Type 17-7 Stainless Steel

HINGES Heavy duty Type 316 Stainless Steel

HOLD OPEN ARM Type 316 Stainless Steel automatic hold open arm locks cover in open position

LATCH Slam latch Type 316 Stainless Steel with inside lever handle, includes removable threaded plug and key

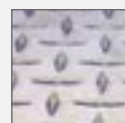
OPTIONS Padlock Hasps, Locks, Finishes, Safety Grates, Safety Nets, Safety Rails, Skirting

ORDER GUIDE

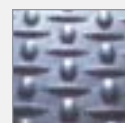
MODEL	MATERIAL	WIDTH	X	LENGTH	COVER	INSTALL
BFDDP			X			—
	A 1/4" Aluminum	Standard Sizes (W x L)			S Single Door	FL Aluminum
	P 3/16" Steel	Single Door		Double Door	D Double Door	WL Steel or Stainless Steel
	S 3/16" Stainless Steel, Type 304	24" x 24"		48" x 48"		
	V 3/16" Stainless Steel, Type 316	30" x 36"		48" x 72"		
		36" x 36"		60" x 60"		
		42" x 42"				
		48" x 48"				

Additional sizes available, call for more information.

MATERIALS



Aluminum

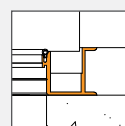


Primed Steel

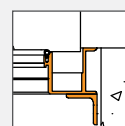


Stainless Steel

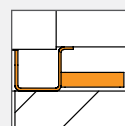
FRAME



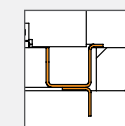
Gutter Frame
Cast-in Aluminum



Gutter Frame
Bolt-in Aluminum



Gutter Frame
Cast-in Steel or
Stainless Steel



Gutter Frame
Bolt-in Steel or
Stainless Steel

Drainable

FLOOR DOOR, H20

The H20 Drainable Floor Door is designed for infrequent, off street traffic in exterior or high moisture areas when liquid flow into the door is a concern. The frame is constructed with a gutter channel for water runoff into a drainage system.

FEATURES

VEHICLE LOAD Designed for exterior/wet environments and tested for H20 wheel load for infrequent, off-street traffic.

DRAINABLE FRAME Constructed with a gutter channel frame and drain hole for liquid removal.



DETAILS

LOAD H20 wheel load

MATERIAL

- Aluminum: 1/4 inch, mill finish, gray primer on exterior frame (*for cast-in only*)
- Steel: 3/16 inch, gray primer
- Stainless Steel: 3/16 inch, Type 304 or Type 316, bead blasted

COVER Diamond tread plate

FRAME Drainable gutter frame with integral 1 inch anchor flange, EPDM gasket and 1-1/2 inch drain coupling

INSTALLATION Cast-In

SPRING Enclosed coil, Type 17-7 Stainless Steel

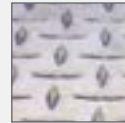
HINGES Heavy duty Type 316 Stainless Steel

HOLD OPEN ARM Type 316 Stainless Steel automatic hold open arm locks cover in open position

LATCH Slam latch Type 316 Stainless Steel with inside lever handle, includes removable threaded plug and key

OPTIONS Padlock Hasps, Locks, Finishes, Safety Grates, Safety Nets, Safety Rails, Skirting

MATERIALS



Aluminum

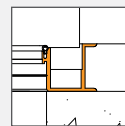


Primed Steel

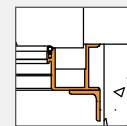


Stainless Steel

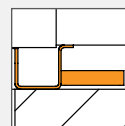
FRAME



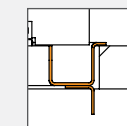
Gutter Frame
Cast-in Aluminum



Gutter Frame
Bolt-in Aluminum



Gutter Frame
Cast-in Steel or
Stainless Steel



Gutter Frame
Bolt-in Steel or
Stainless Steel

ORDER GUIDE

MODEL	MATERIAL	WIDTH	X	LENGTH	COVER	INSTALL
BFDDH			X			—
	A 1/4" Aluminum	Standard Sizes (W x L) Single Door 24" x 24" Double Door 48" x 48" 30" x 36" 36" x 36" 42" x 42"			S Single Door	FL Aluminum
	P 3/16" Steel				D Double Door	WL Steel or Stainless Steel
	S 3/16" Stainless Steel, Type 304					
	V 3/16" Stainless Steel, Type 316					

Additional sizes available, call for more information.

Drainable

LARGE EQUIPMENT HATCH, H20

The H20 load rated large equipment hatch is designed for infrequent, off-street traffic where moisture or liquid flow into the door is a concern. The frame is constructed with a gutter channel for water runoff into a drainage system.

FEATURES

MAXIMUM CLEAR OPENING AREA These double door units were designed for large equipment installation and maintenance access. They are the largest doors with an H20 load rating available in the market.

DRAINABLE FRAME Constructed with a gutter channel frame and drain hole for liquid removal.



DETAILS

LOAD H20 wheel load

MATERIAL Aluminum: 1/4 inch, mill finish with gray primer on exterior frame

COVER Diamond tread plate

FRAME Drainable gutter frame with integral 1 inch anchor flange, EPDM gasket and 1-1/2 inch drain coupling

INSTALLATION Cast-In

SPRING Enclosed coil, Type 17-7 Stainless Steel

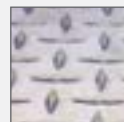
HINGES Heavy duty Type 316 Stainless Steel

HOLD OPEN ARM Type 316 Stainless Steel automatic hold open arm locks cover in open position

LATCH Slam latch Type 316 Stainless Steel with inside lever handle, includes removable threaded plug and key

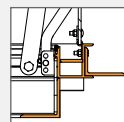
OPTIONS Padlock Hasps, Finishes, Safety Grates, Safety Nets, Safety Rails, Skirting

MATERIALS



Aluminum

FRAME



Gutter Frame
Cast-In

ORDER GUIDE

MODEL	WIDTH	X	LENGTH
BFDOHA		X	DFL
	Standard Sizes (W x L) Double Door 48" x 80" to 48" x 120" 60" x 80" to 60" x 120" 96" x 80" to 96" x 120" 108" x 48" to 108" x 120"		

Additional sizes available, call for more information.

Non-Drainable

FLOOR DOOR, 300PSF

The non-drainable pedestrian floor door is designed for standard-duty load and provides a flush installation for new concrete applications. Ideal use for utility and general building applications where water infiltration is not a concern.

FEATURES

PEDESTRIAN LOAD Designed for standard duty loads and tested up to 300psf live load.

NEW CONCRETE APPLICATION The built in angle frame with an integral flange allows for new concrete construction.



DETAILS

LOAD 300 psf live load

MATERIAL Aluminum: 1/4 inch, mill finish, gray primer on exterior frame (*for cast-in only*)

COVER Diamond tread plate

FRAME Angle with 1 inch integral flange

INSTALLATION Cast-In or Bolt-In

SPRING Enclosed coil, Type 17-7 Stainless Steel

HINGES Heavy-duty, Type 316 Stainless Steel

HOLD OPEN ARM Type 316 Stainless Steel, automatic, locks cover in open position

LATCH Slam latch, Type 316 Stainless Steel, with inside lever handle, includes removable threaded plug and key

GASKET EPDM gasket

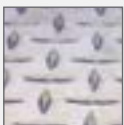
OPTIONS Padlock Hasps, Locks, Finishes, Gasket, Safety Grates, Safety Nets, Safety Rails, Skirting

ORDER GUIDE

MODEL	WIDTH	X	LENGTH	COVER	
BFDNPA		X			FL
	Standard Sizes (W x L)			S Single Door	
	Single Door	Double Door		D Double Door	
	24" x 24"	48" x 48"			
	30" x 36"	48" x 72"			
	36" x 36"	60" x 60"			
	42" x 42"				

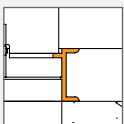
Additional sizes available, call for more information.

MATERIALS



Aluminum

FRAME



Angle Frame
Cast-in



Angle Frame
Bolt-in

Non-Drainable

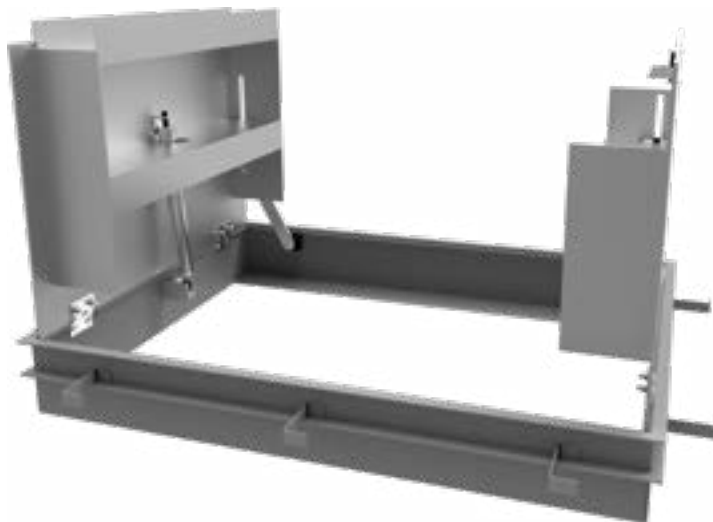
FLOOR DOOR, H20

The H20 Floor Door is designed for infrequent, light duty, off street traffic in areas where water infiltration and moisture is not a concern. Designed with a flush installation for new concrete applications.

FEATURES

VEHICLE LOAD Constructed with substantial structural beams in the cover to support a H20 vehicle load.

STEEL OPTION Optional 3/16 inch steel for added strength and durability. Standard finish of primed gray powder coat.



DETAILS

LOAD H20 wheel load

MATERIAL Aluminum: 1/4 inch, mill finish with gray primer on exterior frame

COVER Diamond tread plate

FRAME Angle

INSTALLATION Cast-In: 1/4 inch by 1 inch by 4 inch anchor straps welded for concrete pour

SPRING Coil type 17-7 Stainless Steel enclosed in Type 316 Stainless Steel telescopic tubes

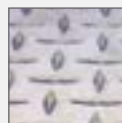
HINGES Heavy duty Type 316 Stainless Steel

HOLD OPEN ARM Type 316 Stainless Steel automatic hold open arm locks cover in open position

LATCH Slam latch Type 316 Stainless Steel with inside lever handle, includes removable 5/16 inch steel square "L" handle and threaded plug

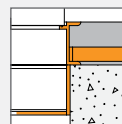
OPTIONS Padlock Hasps, Locks, Finishes, Gasket, Safety Grates, Safety Nets, Safety Rails, Skirting

MATERIALS



Aluminum

FRAME



Angle Frame
Cast-In

ORDER GUIDE

MODEL	WIDTH	X	LENGTH	COVER	
BFDNHA		X			AL
	Standard Sizes (W x L)			S Single Door	
	Single Door	Double Door		D Double Door	
	24" x 24"	48" x 48"			
	30" x 36"	48" x 72"			
	36" x 36"	60" x 60"			
	42" x 42"				

Additional sizes available, call for more information.

1 Inch Pan

ARCHITECTURAL FLOOR DOOR

Babcock-Davis Architectural Recessed Floor Door is engineered with a recess to allow for ceramic tile or concrete flooring. This design preserves the architectural aesthetics while maintaining a minimal sight line.

For dry, interior installation only. Not intended for wet or exterior environments.

FEATURES

MINIMAL SIGHT LINE The 1/8 inch profile around the pan allows the door to seamlessly integrate with the surrounding area.

VERSATILE MOUNTING Engineered for either cast-in or bolt-in installation with a versatile frame design. Cast-in with the attachable bolts or bolt holes in the frame for easy mounting.



DETAILS

LOAD 300psf live load

MATERIAL Aluminum: 1/4 inch, mill finish, gray primer on exterior frame *(for cast-in only)*

COVER Recessed for 1 inch flooring infill

FRAME Extruded with channel for anchor bolt

INSTALLATION Cast In or Bolt-In

SPRING Gas spring

HINGES Nickel plated concealed hinge

HOLD OPEN Gas spring holds cover in open position

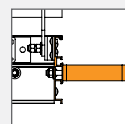
LATCH Slam latch Type 316 Stainless Steel with inside lever handle, includes removable 5/16 inch steel square "L" handle and threaded plug

MATERIALS

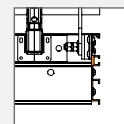


Aluminum

FRAME



Channel
Cast-in



Channel
Bolt-in

ORDER GUIDE

MODEL	WIDTH	X	LENGTH	COVER	INSTALL
BFDPPA		X			L
	Standard Sizes (W x L)			S Single Door	A Anchor
	24" x 24"	36" x 36"			B Bolt-in
	30" x 36"	39" x 39"			

Additional sizes available, call for more information.

1/8 Inch Pan

ARCHITECTURAL FLOOR DOOR

Babcock-Davis Architectural Recessed Floor Door is engineered with a recess to allow for 1/8 inch VCT flooring infill. This design preserves the architectural aesthetics while maintaining a minimal sight line.

FEATURES

MINIMAL SIGHT LINE The recessed design allows for 1/8 inch VCT flooring infill to seamlessly integrate with the surrounding area.

STEEL OPTION Optional 3/16 inch steel for added strength and durability. Standard finish of primed gray powder coat.



DETAILS

LOAD 300psf live load

MATERIAL

- Aluminum: 1/4 inch, mill finish, gray primer on exterior frame (for cast-in only)
- Steel: 3/16 inch, gray primer
- Stainless Steel: 3/16 inch, Type 304 or Type 316

COVER Recessed for 1/8 inch flooring infill

FRAME Angle frame with formed channel frame hinge-side only

INSTALLATION Cast In or Bolt-In

SPRING Coil type 17-7 Stainless Steel enclosed in Type 316 Stainless Steel telescopic tubes

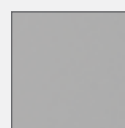
HINGES Heavy duty Type 316 Stainless Steel

HOLD OPEN ARM Type 316 Stainless Steel automatic hold open arm locks cover in open position

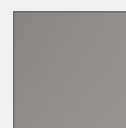
LATCH Slam latch Type 316 Stainless Steel with inside lever handle, includes removable 5/16 inch steel square "L" handle and threaded plug

OPTIONS Padlock Hasps, Locks, Finishes, Gasket, Safety Grates, Safety Nets, Safety Rails, Skirting

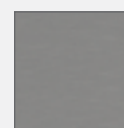
MATERIALS



Aluminum

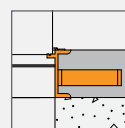


Primed Steel

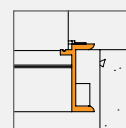


Stainless Steel

FRAME



Angle Frame
Cast-in



Angle Frame
Bolt-in

ORDER GUIDE

MODEL	MATERIAL	WIDTH	X	LENGTH	COVER	INSTALL
BFD RP			X			L
	A 1/4" Aluminum	Standard Sizes (W x L) Single Door 24" x 24" Double Door 48" x 48" 30" x 36" 48" x 72" 36" x 36" 60" x 60" 42" x 42"			S Single Door	A Anchor
	P 3/16" Steel, Primed				D Double Door	B Bolt-in
	S 3/16" Stainless Steel, Type 304					
	V 3/16" Stainless Steel, Type 316					

Additional sizes available, call for more information.

Existing Opening

FLOOR DOOR, 300PSF

The redesigned Existing Opening Floor Door is designed for retrofit applications and is constructed with an angle frame. While providing a quality, economical option this is ideal for areas where water or moisture intrusion is not a concern.

FEATURES

PEDESTRIAN LOAD Designed for standard duty loads and tested up to 300psf live load in interior areas.

MATERIAL OPTIONS Upgrade the material to steel for added strength and durability or stainless steel for areas where corrosion is a concern.



DETAILS

LOAD 300 psf live load

MATERIAL

- Aluminum: 1/4 inch, mill finish
- Steel: 3/16 inch, gray primer
- Stainless Steel: 3/16 inch, Type 304 or Type 316, bead blasted

COVER Diamond tread plate

FRAME Angle

INSTALLATION Bolt-in

SPRING Enclosed coil, Type 17-7 Stainless Steel

HINGES Heavy-duty Type 316 Stainless Steel

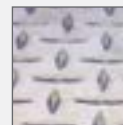
HOLD OPEN ARM Type 316 Stainless Steel, automatic, hold open arm locks cover in open position

LATCH Slam latch, Type 316 Stainless Steel, with inside lever handle and key

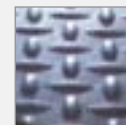
GASKET EPDM gasket (*aluminum only*)

OPTIONS Padlock Hasps, Locks, Finishes, Gasket, Safety Grates, Safety Nets, Safety Rails, Skirting

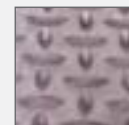
MATERIALS



Aluminum

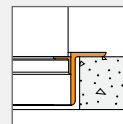


Primed Steel

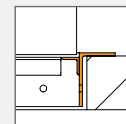


Stainless Steel

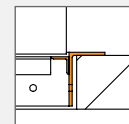
FRAME



Angle Frame
Bolt-in
Aluminum



Angle Frame
Bolt-in
Steel



Angle Frame
Bolt-in
Stainless Steel

ORDER GUIDE

MODEL	MATERIAL	WIDTH	X	LENGTH	COVER	DL
FDEP			X			
	A 1/4" Aluminum	Standard Sizes (W x L)			S Single Door	
	P 3/16" Steel				D Double Door	
	S 3/16" Stainless Steel, Type 304					
	V 3/16" Stainless Steel, Type 316					
		Single Door	Double Door			
		24" x 24"	48" x 48"			
		30" x 36"	48" x 72"			
		36" x 36"	60" x 60"			
		42" x 42"				

Additional sizes available, call for more information.

Surface Mount

FLOOR DOOR, 150PSF

The Surface Mount Floor Door is designed for retrofit applications with internal flanges for easy mounting. This door is an economical option for areas where water or moisture intrusion is not a concern.

DETAILS

LOAD 150psf live load

MATERIAL Aluminum: 3/16 inch, mill finish

COVER Diamond tread plate

FRAME Interior angle (flange)

INSTALLATION Surface mount, mechanically fastened

SPRING Coil Type 17-7 Stainless Steel, enclosed in Type 316 Stainless Steel telescopic tubes

HINGES Heavy duty Type 316 Stainless Steel

HOLD OPEN ARM Type 316 Stainless Steel automatic hold open arm with red vinyl grip handle, locks cover in open position

LATCH Slam latch Type 316 Stainless Steel with inside lever handle, includes removable 5/16 inch steel square "L" handle and threaded plug

GASKET EPDM, around door perimeter

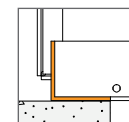
OPTIONS Padlock Hasps, Locks, Finishes, Gasket, Safety Grates, Safety Nets, Safety Rails, Skirting



ORDER GUIDE

MODEL	WIDTH	X	LENGTH
BFDNLA		X	SELN
Standard Sizes (W x L)			
24" x 24"			
30" x 30"			
30" x 36"			
36" x 36"			
42" x 42"			

FRAME



Interior Angle
Mech. Fastened

Additional sizes available, call for more information.

Water Tight

WELL HATCH, 625PSF

Babcock-Davis' Water Tight Well Hatch is designed for water-tightness up to 10 foot water column and 625psf load capacity. With waterproof gaskets and pressure locks, this hatch design is ideal for wells and areas prone to flooding.

DETAILS

LOAD 625psf live load

MATERIAL Aluminum: 1/4 inch, mill finish

COVER Diamond tread plate

FRAME Angle

INSTALLATION Surface mount, mechanically fastened

SPRING Coil Type 17-7 Stainless Steel enclosed in Type 316 Stainless Steel telescopic tubes

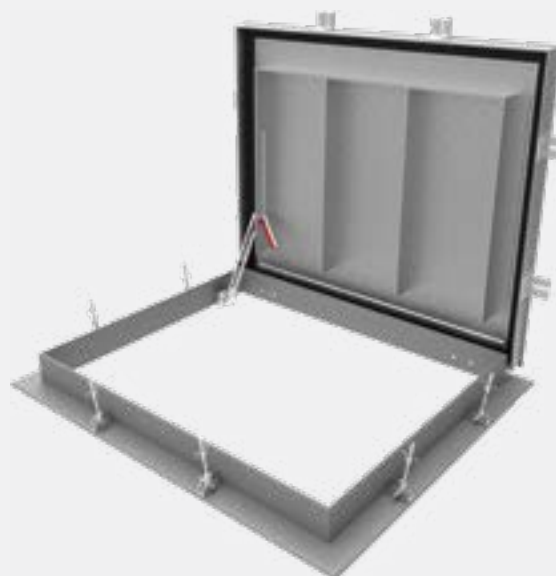
HINGES Heavy duty Type 316 Stainless Steel butt hinges

HOLD OPEN ARM Type 316 Stainless Steel automatic hold open arm locks cover in open position

LATCH Type 316 Stainless Steel pressure locks

CERTIFICATION Tested to 10 foot hydrostatic pressure

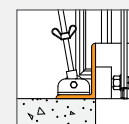
OPTIONS Padlock Hasps, Locks, Finishes, Gasket, Safety Grates, Safety Nets, Safety Rails, Skirting



ORDER GUIDE

MODEL	WIDTH	X	LENGTH
BFDWTA		X	SSW
Standard Sizes (W x L)			
24" x 24"			
30" x 30"			
30" x 36"			
36" x 36"			
42" x 42"			

FRAME



Angle Frame
Mech. Fastened

Additional sizes available, call for more information.

Safety Grating

FALL PROTECTION

Nystrom OSHA compliant Safety Grating provides permanent fall protection. Designed with a 6 inch side access and featuring positive locking in both open and closed positions. The grate includes a padlock hasp and two nut rails. It is available as a factory installed option with most floor door styles, or as a retrofit designed to fit ANY manufacturer.

DETAILS

LOAD 300psf live load

MATERIAL Aluminum: extruded, 6 inch by 1/4 inch serrated plate, powder coat

HOLD OPEN LATCH Stainless steel with padlock hasp

COMPLIANCE OSHA 29 CFR1926.502(c)

Plastic fiber reinforced option available, call for more information.

ORDER GUIDE - Factory Installed

MODEL (FLOOR DOOR)	OPTION
BFD_____	- SGT

ORDER GUIDE - Retrofit

MODEL	WIDTH	X	LENGTH	INSTALL
BSGT	Standard Sizes (W x L)			- R Retrofit
	24" x 24"		42" x 42"	
	30" x 30"		48" x 48"	
	30" x 36"		48" x 72"	
	36" x 36"			

Additional sizes available, call for more information.



Safety Nets

FALL PROTECTION

Babcock-Davis Safety Net is designed to be installed in floor door openings to reduce risks associated with falls. The safety net easily slides on guide rails to facilitate entry and then repositioned to prevent fall through.

DETAILS

LOAD 5000 lb breaking strength

MATERIAL

- Rail: Aluminum 6061 T6
- Netting: Nylon webbing
- Rings: Aluminum alloy

INSTALLATION

- Drainable Frame: 1/2 inch nuts and bolts
- Retrofit or Non-Drainable Frame: 1/2 inch wedge-style concrete anchors

COMPLIANCE OSHA 29 CFR1926.502(c)



*Drainable Frame Only
Installed in Gutter Channel*



*Retrofit or Non-Drainable Frame
Installed below frame, in wall of floor opening*



ORDER GUIDE

MODEL	MATERIAL	WIDTH	X	LENGTH	INSTALL
BSN		Standard Sizes (W x L)			- R Retrofit
	A Aluminum	36" x 30"		48" x 48"	
	S Stainless Steel	48" x 48"		48" x 60"	

Safety Railings

FALL PROTECTION

Babcock-Davis OSHA compliant Safety Railing is an ideal solution to provide a permanent means of fall protection for new and retrofit applications. The safety railing permanently mounts to the floor around an existing floor door or opening.

DETAILS

MATERIAL Rails and posts, aluminum, 1-1/4 inch ID (1.66 inch OD) Schedule 40 pipe

FINISH Powder Coat, Safety Yellow

FITTINGS Cast aluminum alloy with set screw hold

HARDWARE Hex head bolts 3/8 inch - 16 x 3/4 inch zinc plated steel

EXIT

- Self Closing Gate: Aluminum 1-1/4 inch tubular steel self closing with coil spring
- Chain: 3/16 inch zinc plated steel link chain with spring clip ends

COMPLIANCE OSHA 29 CFR 1910.28 and 1910.29



ORDER GUIDE

BASE	WIDTH	X	LENGTH	INSTALL
SRTAY		X		
	Standard Sizes (W x L)			
	30" x 18"		F Front Exit	C Chain
	30" x 24"		S Side Exit (Single Leaf Door)	G Self-Closing Gate
	36" x 30"			
	36" x 36"		D Side Exit (Double Leaf Door)	
	48" x 48"			

Ladder Safety Post

FALL PROTECTION

The Safety Post is designed in compliance to OSHA to extend 42 inches above a landing platform to provide safe ladder access through a floor door or roof hatch. The spring assisted telescoping design mounts to the top two rungs of a fixed vertical ladder.

DETAILS

MATERIAL 1-1/2 inch by 1-1/2 inch by 1/8 inch high strength square tubing with a pull up loop provided at the upper end to facilitate raising of post

- Steel: Safety yellow powder coat or hot dip galvanized
- Stainless Steel: Type 304, mill
- Aluminum: Mill

BALANCING SPRING Stainless steel constant force spring

HARDWARE Type 316 Stainless Steel



ORDER GUIDE

MODEL	MATERIAL	FINISH
BSPY	Steel	Powder Coat, Yellow
BSPG	Steel	Hot Dip Galvanized
BSPA	Aluminum	Mill
BSPS	Stainless Steel	Mill

Safety Chains

FALL PROTECTION

Add an optional visual barrier for floor doors and hatches. Constructed with posts and loop chain, the system is available on three sides for single door or two sides for double door configurations.

DETAILS

POST MATERIAL Aluminum tubing, 1-1/2 inch O.D. by .065 inch wall thickness

CHAIN MATERIAL Stainless Steel, 2/16 inch loop chain, attached with spring clips to lifting eye nut

MOUNT Aluminum tubing, 2 inch O.D. with 2-1/2 inch mounting plate welded to exterior of frame

ORDER GUIDE

MODEL	MATERIAL
SC1	2 Post
SC2	4 Post



Loads

LIGHT DUTY

Tested to 150 lbs per square foot loading.

STANDARD DUTY/PEDESTRIAN

Tested to 300 lbs per square foot live loading.

H20 CLASSIFICATION

The American Associate of State Highway and Transportation Officials (AASHTO) "Standard Specification for Highways Bridges" defines H-20 loading as a two-axle truck with a maximum dual-wheel load of 16,000 lbs. HS-20 loading is defined as a tractor truck with a tandem axle semi-trailer with a dual-wheel load of 16,000 lbs.

The maximum safe live load is calculated by dividing the load at failure by two.

OSHA

OSHA 29 CFR 1910.29(b)(13) GENERAL INDUSTRY

When guardrail systems are used around holes that serve as points of access (such as ladderways), the guardrail system opening;

- Has a self-closing gate that slides or swings away from the hole, and is equipped with a top rail and midrail or equivalent intermediate member.

OSHA 29 CFR 1910.28(b)(3)(i) CONSTRUCTION INDUSTRY

Fall protection systems criteria

- Each employee is protected from falling through any hole that is 4 feet or more above a lower level.
- Includes guardrails, safety nets, personal fall arrests, etc.



Options

COVER



Grating
OCG1



View Port
Window
OW1



2 in Polyiso
Insulation
INR

OPERATION



Panic Bar
GC



Door Position
Sensor
OP1

SKIRTING



Custom
Height
H_

GASKETS

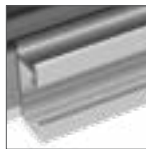


Gasket

OTHER



Grab Bar
OG1



Nut Rail
NR

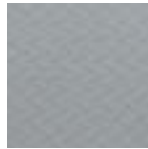
Finish + Color



Clear
FA1



Dark Bronze
FA6



ANSI 70 Gray
FP1



Safety Yellow
FP48

MODEL	MATERIAL	TYPE	COLOR
FLC		Lacquer	Clear
FTB		Bituminous	Black
FA4	Aluminum	Anodize	Light Bronze
FA6	Aluminum	Anodize	Dark Bronze
FP1	Steel	Powder Coat	ANSI 70 Gray
FP43	Steel	Powder Coat	Traffic White
FP48	Steel	Powder Coat	Safety Yellow
FSN		Slip-Not	-
FP2		Anti-Skid Paint	-

Colors shown give only an indication of shade.
Samples are available upon request

Latches + Locks



Padlock
Hasp



Detention
Lock



Recessed
Padlock Hasp



Mortise Operated
Deadbolt

MODEL	TYPE	BRAND	DESCRIPTION	LOCK ACCESS
PH	Padlock Hasp	None	Standard	Exterior
PR	Padlock Hasp	None	Recessed	Exterior
D1A	Detention	Brinks 7016	Prep Only	Interior & Exterior
D1B	Detention	Brinks 7016	Prep Only	Interior Only
D11	Detention	Brinks 7016	Keyed Lock	Interior & Exterior
D21	Detention	None	Slam Latch	Exterior Only
MC6	Mortise	Best Cylinder	Long Key w/Plastic Core	Exterior Only
MC6A	Mortise	Schlage Deadbolt	Thumb Turn, Above	Interior Only
MC6B	Mortise	Schlage Deadbolt	Thumb Turn, Below	Exterior Only
MC6P	Mortise	Best Cylinder	Cam Lock w/Plastic Core	Exterior Only
MC6S	Mortise	None	Slam Latch, Prep Only	Exterior Only



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FLOOR DOOR + HATCH CATALOG 10/29/2024
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