



COMMERCIAL

HOLLOW METAL DOOR



Effective date: NOV 01, 2024

201 Railroad Ave, Westminster 21157

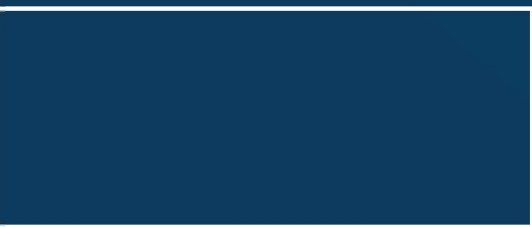


FISO DOOR

Pedestrian Door Product Guide

FISO DOOR specializes in making the most durable industrial-grade pedestrian doors in the industry. Our high performance models are proven to exceed the most rigorous standards, resist harsh elements, all while providing you with the quality and strength you expect from your entrances.

When partnering with us you not only get low maintenance solutions that look great for years — you're also guaranteed to *Overcome Harsh Environments That Wear You Down.*

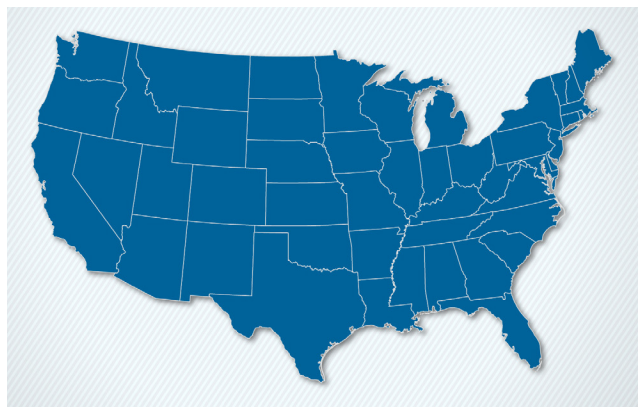




The FISO Door was founded in Westminster, Maryland in 2017 and the parents company has been manufacturing commercial hollow metal door since 1988. Since then, our commercial door products have grown to be one of the largest door manufacturing company all over the world.

The FISO "Columbus" Program Includes:

- Quality products value-engineered for lowest installed cost at highest rated performance levels.
- Most thoroughly tested and evaluated products in the industry.
- Strategically-located manufacturing and/or warehouse facilities.
- National factory sales team.
- In-house R&D team.
- In-house product testing and quality control engineers.



FISO DOOR QUALITY POLICY

We help people build safer structures economically. We do this by designing, engineering and manufacturing FISO door and other related products that meet or exceed our customers' needs and expectations.

Everyone is responsible for product quality and is committed to ensuring the effectiveness of the Quality Management System.

Hao Ling
President

Edward Sherron
Plant Manager

UL/WH Certified



FISO Door is proud to announce that our products pass UL/WH Certification.

Underwriters Laboratories (UL) & Warnock Hersey (WH) are two largest and best known independent, testing laboratory in the world.

CONNECTOR SELECTION KEY

Products in this catalog are divided into five general categories. These are identified by a color bar along the page's outer edge.

HOLLOW METAL DOOR

HOLLOW METAL FRAME

HEAVY DUTY PRODUCTS

SPECIALITY PRODUCTS

GETTING FAST TECHNICAL SUPPORT

When you call for engineering technical support, we can help you quickly if you have the following information at hand. This will help us to serve you promptly and efficiently.

- What FISO Door catalog are you using?
- Which FISO Door product are you using?
- What hinge location are you looking for?
- What kind of hardware set are you looking for?
- What lead time?
- What is the door material and application?

**Our Technical Engineering Support Number
is (443)-952-2101**

This catalog reflects changes in the allowable loads and configurations of some FISO Door products. This catalog is effective until December 31, 2025, and supersedes all information in all earlier publications, including catalogs, brochures, fliers, technical bulletins, etc. Use this edition as a current reference. Information on allowable loads and configurations is updated frequently.

After December 31, 2025, contact FISO Door for the most current product information.

Allowable loads in this catalog are for the described specific application of properly-installed products. Product modifications, improper loading or installation procedures, or deviations from recommended applications will affect connector allowable load-carrying capacities.



FISO DOOR

HM Series Hollow Metal Door and Frame



Innovative interior-exterior powder coat protective barrier prevents rust and corrosion, ensuring a finished product that's tougher and more durable than any other alternative in its class.

Low maintenance galvalume steel can be fire-rated for up to three hours, and safely meets the demands of high-volume entry and egress.





SPECIFICATIONS

HM Series Hollow Metal Door and Frame



Door Features

- 1 Powder coat protective barrier prevents rust and corrosion
- 2 Doors can be fire rated for up to 3 hours
- 3 Insulated polystyrene or polyurethane core
- 4 16 gauge top and bottom channels, with rugged perimeter channel construction



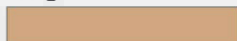
Technical Specifications

Material	20 gauge (1.6 mm) galvalume steel (18 / 16 gauge available)
Durability	<p>Powder coating provides superior weatherability. TGIC-Free polyester powder coatings across a broad range of 186 colors.</p> <p>Delivers superior resistance to corrosive elements.</p>
Door Size	For use with 1 3/4" (45mm) doors
Silencer Holes	Prepared for 9/32" (7.1mm) silencer holes
Custom Jam Sizes	From 4 1/2" (114 mm) up to 12 3/4" (234mm) with 1/8 (3.18 mm) increments
Paint Retention	Excellent paint adhesion characteristics
Maintenance	Requires minimal maintenance
Code Compliant	Conforms to ASTM A-653, A653M specifications with A40 coating classification

Colors & Finishes

Standard Colors

Beige



Traffic gray A

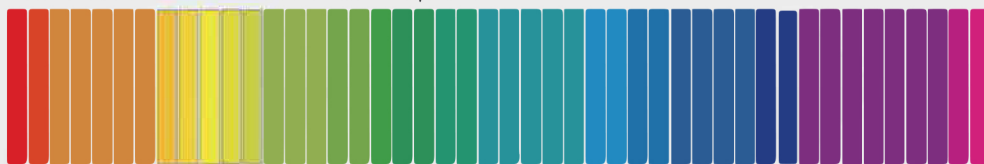


Sepia brown



Special colors

186 color available in full gloss and satin sheens.
Ask dealer about custom* color options.

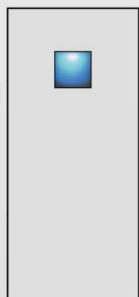


* Special color may have additional fee.

All colors shown are for illustration purpose only

Vision Panel and Louver Options

Factory installed vision panels and louvers ensure that proper glazing materials are used to conform with building codes, for fire and safety.



Vision Panel
10" x 10"
254 x 254 mm



Vision Panel
24" x 30"
610 x 762 mm



Vision Panel
5" x 20"
127 x 508 mm



Vision Panel
3" x 33"
76.2 x 838 mm



Louvre Panel
12" x 12"
305 x 305 mm



Louvre Panel
24" x 24"
610 x 610 mm

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TERMS & CONDITIONS OF SALE

PRODUCT USE

Products in this catalog are designed and manufactured for the specific purposes shown, and should not be used with other connectors not approved by a qualified designer. Modifications to products or changes in installation procedures should only be made by a qualified designer. The performance of such modified products or altered installation procedures is the sole responsibility of the designer.

INDEMNITY

Customers modifying products or installation procedures, or designing non-catalog products for fabrication by FISO Door shall, regardless of specific instructions to the user, indemnify, defend, and hold harmless FISO Door for any and all claimed loss or damage occasioned in whole or in part by non-catalog or modified products.

NON-CATALOG AND MODIFIED PRODUCTS

Consult FISO Door for applications requiring modified products, or for connectors for use in hostile environments, with excessive wood shrinkage, or with abnormal loading or erection requirements.

Non-catalog products must be designed by the customer and will be fabricated by FISO Door in accordance with customer specifications.

FISO Door cannot and does not make any representations regarding the suitability of use or load-carrying capacities of non-catalog products.

FISO Door provides no warranty, express or implied, on non-catalog products.

Any party modifying FISO Door products must provide the installer with specific instructions on the modified product's specifications, installation, and use.



**Contact
Our Sales Team
(443)-952-2109
info@fisodoor.com**

WARRANTY

Warranty

All hollow metal doors and frames manufactured by FISO Door are warrantied for a period of one year from date of delivery, to be of good material, workmanship and to be free of defects at the time of shipment that would render them unserviceable or unfit for the ordinary purposes for which each door and frame was manufactured.

FISO Door will, at its option, either:

- Repair any defective door or frame without charge to the customer, or
- Replace defective door or frame in the same condition as it was originally sold FISO Door without charge to the customer.

In case of defect reasonably discovered by inspections of each door and frame at time of receipt from FISO Door, written notice must be given to FISO within 30 days after receipt of material, and before doors are hung and frames installed. Any claim after this time must be forwarded in writing promptly to FISO Door. In any event, within the one year stated above, FISO Door shall not be liable for doors or frames repaired or replaced without the written consent of FISO Door.

Specifically excluded from this warranty are doors that are improperly hung or those that do not swing freely due to improper installation of frames and/or hardware.

PRODUCT DATASHEET



POLYSTYRENE CORE

Steel Sheet Gauge: 16 / 18 / 20

Steel Type: Galvanealed A40 or A60

Fire Rating: up to 3 Hours

Edge Design: Beveled or Square edge

Thickness: 1 3/4 / 2 1/4

Width: 2'0" / 2'6" / 3'0" / 3'6" / 3'8" / 4'0"

Height: 6'8" / 7'0" / 8'0"

Hinge Prep: Variable Hinge Location

*Special height, width and thickness are available upon requests, please contact office.

PRODUCT DATASHEET



POLYURETHANE CORE

Steel Sheet Gauge: 16 / 18 / 20

Steel Type: Galvanealed A40 or A60

Fire Rating: up to 3 Hours

Edge Design: Beveled or Square edge

Thickness: 1 3/4 / 2 1/4

Width: 2'0" / 2'6" / 3'0" / 3'6" / 3'8" / 4'0"

Height: 6'8" / 7'0" / 8'0"

Hinge Prep: Variable Hinge Location

*Special height, width and thickness are available upon requests, please contact office.

ORDER SUBMITTAL INFORMATION

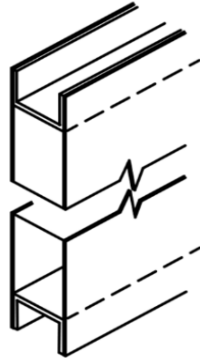
PRODUCT DATASHEET

16 GAGE STEEL END CHANNELS

WELDED TO
BOTH FACE SHEET

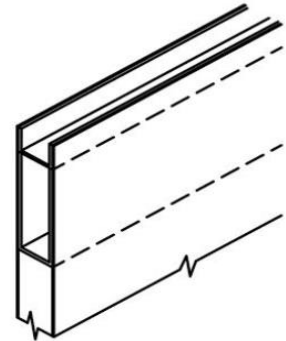
INVERTED TOP
AND BOTTOM

OPTIONAL TOP
AND BOTTOM CAPS ARE AVAILABLE



CLOSER REINFORCEMENT (OPTIONAL)

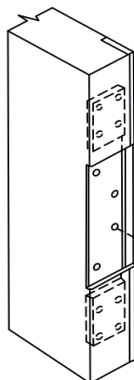
14 GAGE STEEL CHANNEL
20" LONG



LOCK PREPARATION

4-1/2" X .134 HIGH, STANDARD
OR HEAVY WT. FULL MORTISE
HINGE PREPS

NON-HANDED



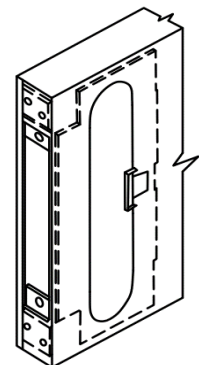
CLOSURE
PLATES

LOCK PREPARATION GOV 86-4 MOTISE TYPE

ANSI A115.1
2-3/4" BACKSET

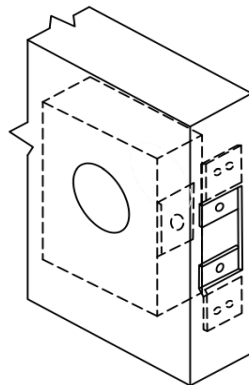
SIMILAR TO DETAIL
LESS FACE CUTOUT

SIMILAR TO DETAIL
LESS ALL CUTOUTS
AND REINFORCEMENT



LOCK PREPARATION GOV 160/161 CYLINDRICAL TYPE

ANSI A115.2
2-3/4" BACKSET



PRODUCT DATASHEET



TEMPERATURE RISE CORE

Steel Sheet Gauge: 16 / 18 / 20

Steel Type: Galvanealed A40 or A60

Fire Rating: up to 3 Hours

Edge Design: Beveled or Square edge

Thickness: 1 3/4 / 2 1/4

Width: 2'0" / 2'6" / 3'0" / 3'6" / 3'8" / 4'0"

Height: 6'8" / 7'0" / 8'0"

Hinge Prep: Variable Hinge Location

*Special height, width and thickness are available upon requests, please contact office.

ORDER SUBMITTAL INFORMATION

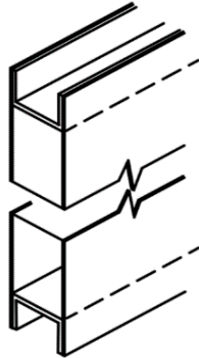
PRODUCT DATASHEET

16 GAGE STEEL END CHANNELS

WELDED TO
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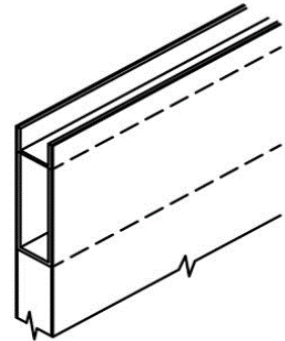
INVERTED TOP
AND BOTTOM

OPTIONAL TOP
AND BOTTOM CAPS ARE AVAILABLE



CLOSER REINFORCEMENT (OPTIONAL)

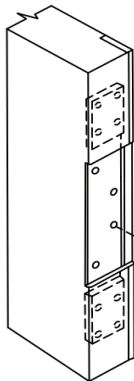
14 GAGE STEEL CHANNEL
20" LONG



LOCK PREPARATION

4-1/2" X .134 HIGH, STANDARD
OR HEAVY WT. FULL MORTISE
HINGE PREPS

NON-HANDED



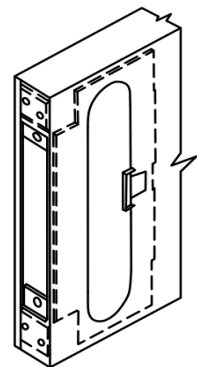
CLOSURE
PLATES

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2-3/4" BACKSET

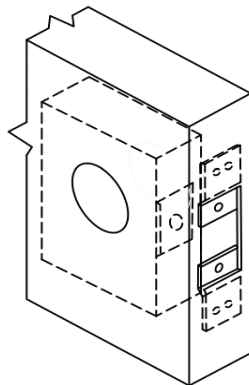
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LESS ALL CUTOUTS
AND REINFORCEMENT



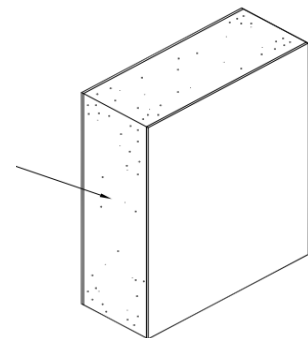
LOCK PREPARATION GOV 160/161 CYLINDRICAL TYPE

ANSI A115.2
2-3/4" BACKSET



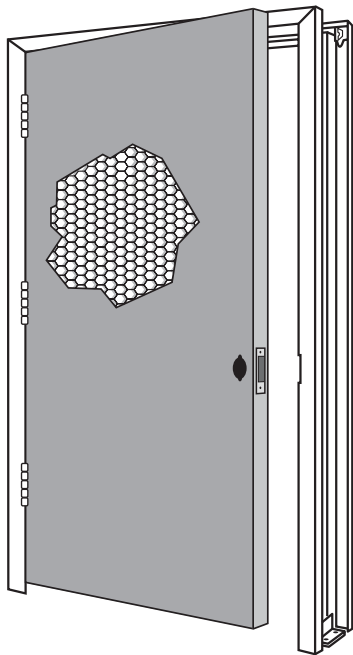
CORE

SOLID MINERAL CORE
BONDED TO BOTH
FACE SHEETS



ORDER SUBMITTAL INFORMATION

PRODUCT DATASHEET



HONEYCOMB CORE

Steel Sheet Gauge: 16 / 18 / 20

Steel Type: Galvanealed A40 or A60

Fire Rating: up to 3 Hours

Edge Design: Beveled or Square edge

Thickness: 1 3/4 / 2 1/4

Width: 2'0" / 2'6" / 3'0" / 3'6" / 3'8" / 4'0"

Height: 6'8" / 7'0" / 8'0"

Hinge Prep: Variable Hinge Location

*Special height, width and thickness are available upon requests, please contact office.

ORDER SUBMITTAL INFORMATION

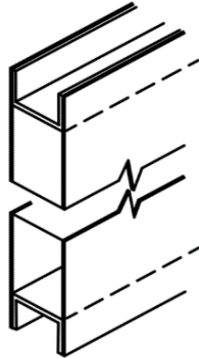
PRODUCT DATASHEET

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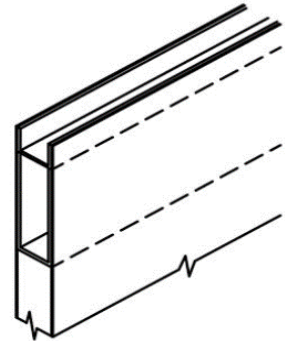
INVERTED TOP
AND BOTTOM

OPTIONAL TOP
AND BOTTOM CAPS ARE AVAILABLE



CLOSER REINFORCEMENT (OPTIONAL)

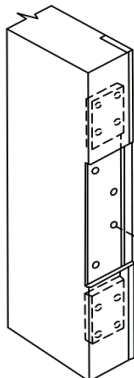
14 GAGE STEEL CHANNEL
20" LONG



LOCK PREPARATION

4-1/2" X .134 HIGH, STANDARD
OR HEAVY WT. FULL MORTISE
HINGE PREPS

NON-HANDED



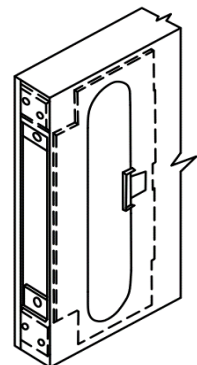
CLOSURE
PLATES

LOCK PREPARATION GOV 86-4 MOTISE TYPE

ANSI A115.1
2-3/4" BACKSET

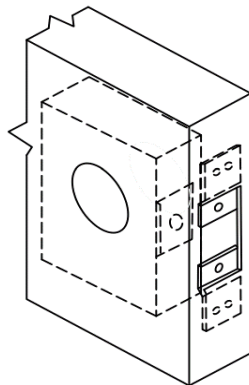
SIMILAR TO DETAIL
LESS FACE CUTOUT

SIMILAR TO DETAIL
LESS ALL CUTOUTS
AND REINFORCEMENT



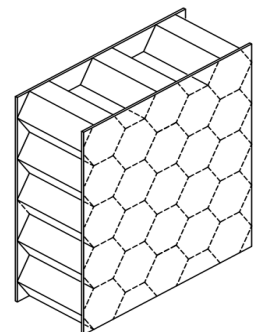
LOCK PREPARATION GOV 160/161 CYLINDRICAL TYPE

ANSI A115.2
2-3/4" BACKSET



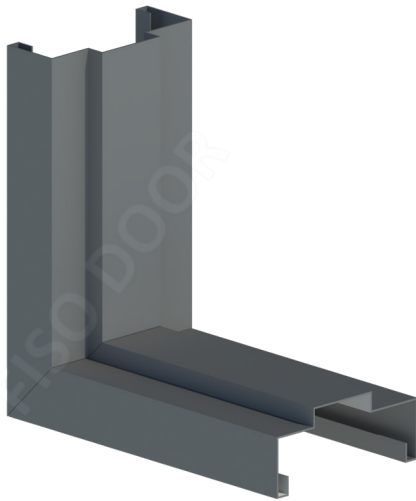
CORE

HONEYCOMB CORE
BONDED TO THE INSIDE
OF BOTH FACE SHEETS



ORDER SUBMITTAL INFORMATION

PRODUCT DATASHEET



DRYWALL FRAME

Gauge: 14 gauge / 16 gauge / 18 gauge

Steel Type: Galvanized or Galvanealed A40 or A60

Fire Rated: up to 90 mins

Frame Profile: Double Rabbet / Single Rabbet / Case Opening

Throat Size:

4 3/4" to 9"(Double Rabbet, Case Opening)

3 3/4" to 9"(Single Rabbet)

Width: 2'0" / 2'6" / 3'0" / 3'6" / 3'8" / 4'0"

Height: 6'8" / 7'0" / 8'0"

*Special heights and widths are available, please contact us.

Anchor:

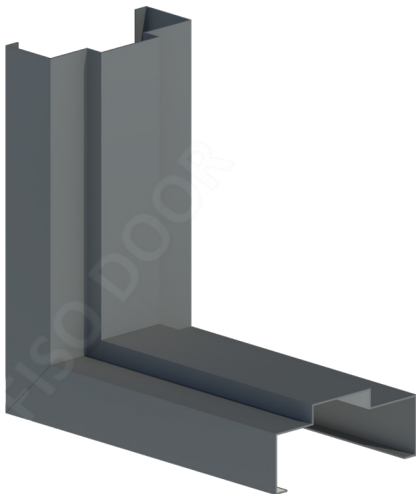
Wood Stud Anchor

Steel Stud Anchor

Compression Anchor

ORDER SUBMITTAL INFORMATION

PRODUCT DATASHEET



MASONRY FRAME

Available on:

Gauge: 12 gauge / 14 gauge / 16 gauge / 18 gauge

Steel Type: Galvanized or Galvanealed A40 or A60

Fire rated up to 3 Hours

Frame Profile: Double Rabbet / Single Rabbet / Case Opening

Throat Size:

4 3/4" to 10"(Double Rabbet, Case Opening)

3 3/4" to 10"(Single Rabbet)

Width: 2'0" / 2'6" / 3'0" / 3'6" / 3'8" / 4'0"

Height: 6'8" / 7'0" / 8'0"

*Special heights and widths are available, please contact us.

Anchor:

Masonry "T" Anchor

Existing Opening Anchor

Wire Masonry Anchor

ORDER SUBMITTAL INFORMATION

PRODUCT DATASHEET



KERF FRAME

Available on:

Gauge: 12 gauge / 14 gauge / 16 gauge / 18 gauge

Steel Type: Galvanized or Galvanealed A40 or A60

Fire rated: up to 3 Hours

Frame Profile: Double Rabbet / Single Rabbet / Case Opening

Throat Size:

4 3/4" to 10"(Double Rabbet, Case Opening)

3 3/4" to 10"(Single Rabbet)

Width: 2'0" / 2'6" / 3'0" / 3'6" / 3'8" / 4'0"

Height: 6'8" / 7'0" / 8'0"

*Special heights and widths are available, please contact us.



FISO Modular Assembly

A prehung door unit



FMA - Modular Assembly

Features:

- Prehung
- 161 cylindrical lock prep
- Invisible deadbolt prep
- ADA compliant 1/2" high threshold
- Concealed sweep
- Kerf weather seal
- 20 gauge galvalume door with polyurethane or polystyrene core
- 18 gauge galvalume frame with 7 gauge hinge reinforcements
- Ball bearing non-removeable pin powder coated hinges
- Standard color is Tru White – other color options available

FISO's standard powder coated paint provides the industry's most durable finish. Ask your representative about FISO's extended finish warranty.

Available Sizes:

Rough Opening

36" x 80"

38" x 81"

48" x 80"

50" x 81"

72" x 80"

74" x 81"

36" x 84"

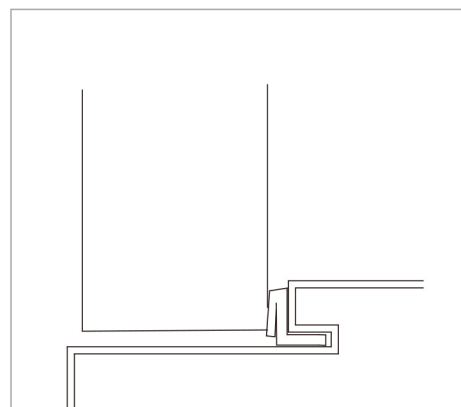
38" x 85"

48" x 84"

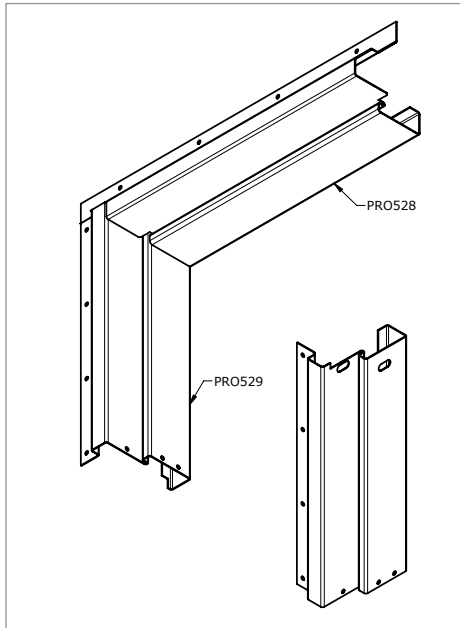
50" x 85"

72" x 84"

74" x 85"



The FMA door system utilizes a kerf weatherstripping that conforms to the fit of the door, finishes for a tight seal with low air infiltration and is tear resistant.



Easy installation:

1. Set
2. Square
3. Attach

Frame Details:

- Universal fit due to flange design
- Nail in or screw in installation through flange
- Flange concealed after installation with builder's choice of trim

Typical Hardware Options



Cylindrical Lock Set



Deadbolt



Panic Bar



Closer



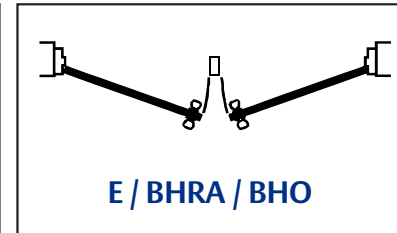
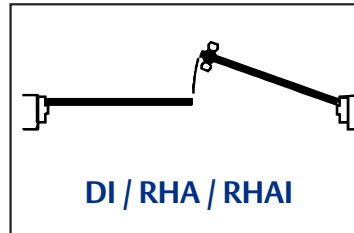
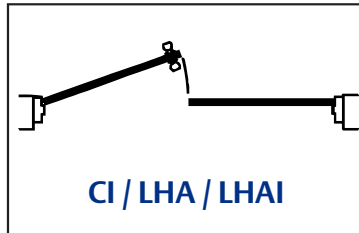
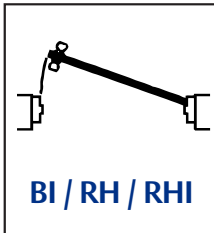
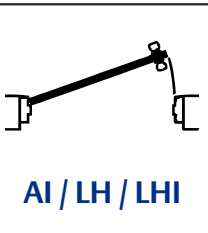
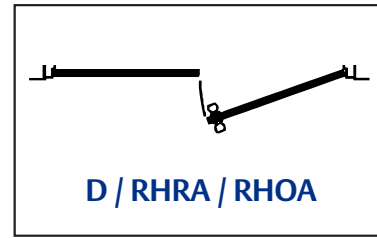
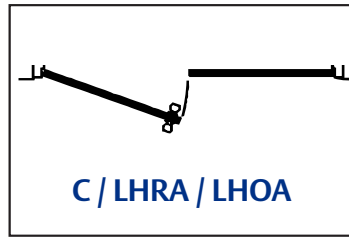
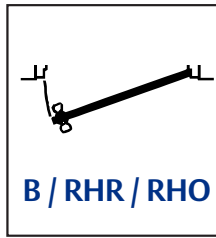
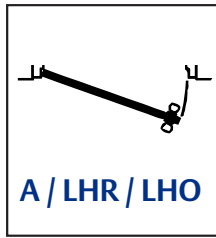
Full Mortise Hinge



Lite Kit

Ask your FISO representative for more information on how we can build a door, frame, and hardware program to fit your needs.

INTERIOR



EXTERIOR

A / LHR / LHO = Outswing left hand reverse
B / RHR / RHO = Outswing right hand reverse
C / LHRA / LHOA = Outswing left hand reverse active
D / RHRA / RHOA = Outswing right hand reverse active

AI / LH / LHI = Inswing left hand
BI / RH / RHI = Inswing right hand
CI / LHA / LHAI = Inswing left hand active
DI / RHA / RHAI = Inswing right hand active
E / BHRA / BHO = Outswing both hands reverse active



FISO Metal Building Series

Knock Down and Preassembled Door Systems



FMB-KD – Metal Building Knock Down System

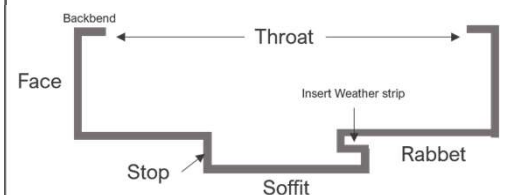
System Features:

- 12 gauge adjustable girt clips for easy installation
- 18 gauge galvaneal door with polyurethane or polystyrene core
- Kerf weather seal
- 18 gauge galvaneal frame with 7 gauge hinge reinforcements
- 161 cylindrical lock prep
- Choice of Grade 1 or Grade 2 cylindrical lock
- Powder coated Ball Bearing NRP Hinges
- Sill Plate and Threshold
- Standard color is Tru White - other color options available

FISO's standard powder coated paint provides the industry's most durable finish. Ask your representative about FISO's extended finish warranty.

Frame Order & Options

<input type="checkbox"/> BRONZE	<input type="checkbox"/> 3070	<input type="checkbox"/> 4 1/4	<input type="checkbox"/> NO LOCK	OPT. _____
<input type="checkbox"/> WHITE	<input type="checkbox"/> 4070	<input type="checkbox"/> 5 3/4	<input type="checkbox"/> STD. LOCK	
<input type="checkbox"/> PRIME	<input type="checkbox"/> 8070	<input type="checkbox"/> 6 1/4	<input type="checkbox"/> LEVER LOCK	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 8 1/4	<input type="checkbox"/> DBL. LOCK	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 10 1/4	<input type="checkbox"/> ADA	



FMB Series utilizes a kerf weatherstripping that conforms to the fit of the door, finishes for a tight seal with low air infiltration and is tear resistant.

FISO Knock Down Door Systems offer you, the building manufacturer, the greatest degree of design flexibility. These reversible (non-handed) units install quickly and eliminate costly handing error.

Prime Options:



FDA-compliant
Grey FDA - 09/70339
gloss level 85±5



FDA-compliant
White FDA - 09/10126
gloss level 90+

Typical Hardware Options



Cylindrical Lock Set



Deadbolt



Panic Bar



Closer

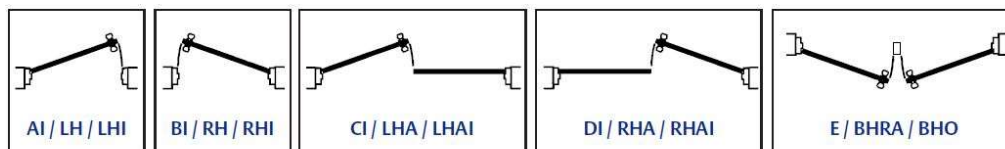
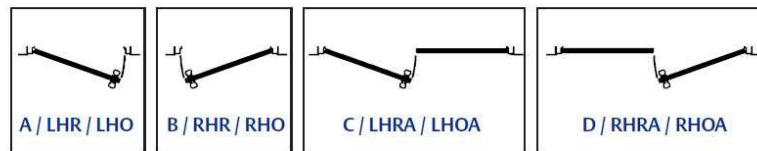


Full Mortise Hinge



Lite Kit

INTERIOR



EXTERIOR

A / LHR / LHO = Outswing left hand reverse
B / RHR / RHO = Outswing right hand reverse
C / LHRA / LHOA = Outswing left hand reverse active
D / RHRA / RHOA = Outswing right hand reverse active

AI / LH / LHI = Inswing left hand
BI / RH / RHI = Inswing right hand
CI / LHA / LHAI = Inswing left hand active
DI / RHA / RHAI = Inswing right hand active
E / BHRA / BHO = Outswing both hands reverse active

FISO DOOR

GET A QUOTE NOW:

 **443.952.2109**

 **INFO@FISODOOR.COM**

 **201 RAILROAD AVENUE | WESTMINSTER, MD 21157**