



GH Hollow Metal Doors & Frames

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GH Hollow Metal Doors & Frames
GH HOLLOW METAL DOORS & FRAMES



**GREEN SHIELD, SECURE FIELD,
LIFE PROTECTED.**

COMPANY INTRODUCTION



📍 CANADA WAREHOUSE



📍 US WAREHOUSE

MANUFACTURE EXPERIENCE
30+ YEARS

GH Hollow Metal Doors & Frames Industries Corp. is a professional manufacturer of a wide range of hollow metal doors, frames and wood doors for commercial and residential construction. GH Hollow Metal Doors & Frames Industries Corp. has more than 30 years manufacture experience. The occupying area of company is 1,200,000 sq.ft., state of manufacturing facility includes manufacturing for nearly 1,000,000 sets of door and 1,000,000 sets of frame every year.

OCCUPYING AREA
120K sq.ft.

GH has always conformed to SDI standard and ANSI A250 to make our fire rated doors and frames. We follow the SDI requirements on fire ratings, steel thickness, types of cores, anchor design, reinforcement, dimensions, prep location, quality control and many more. All of the fire ratings are granted by the third-party testing agencies and are labeled on the products. GH doors and frames meet the requirements of international building and international fire codes, as well as NFPA 252 and UL 10 testing standards.

ANNUAL OUTPUT
100K /YEAR

GH products constantly strive to meet the demands of the doors by providing premium products to the customers. The GH commitment is to provide superior quality and efficient service, at competitive pricing to our valued customers.

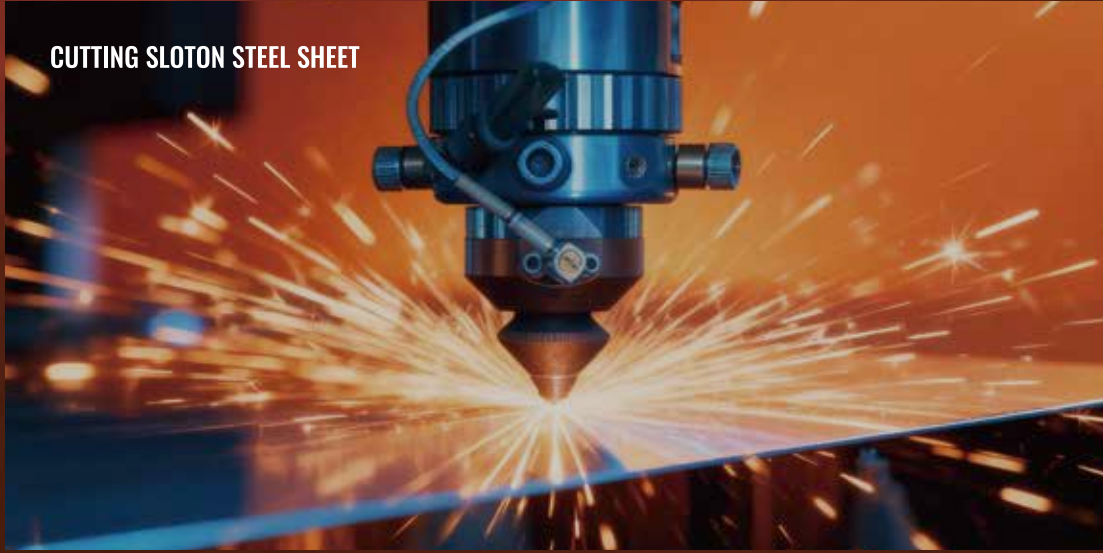
📍 DALIAN FACTORY



GH Hollow Metal Doors & Frames
**GREEN SHIELD,
SECURE FIELD, LIFE PROTECTED.**



CUTTING SLOTON STEEL SHEET



CUTTING SLOTON STEEL SHEET



PAINTING



BENDING PORCESS



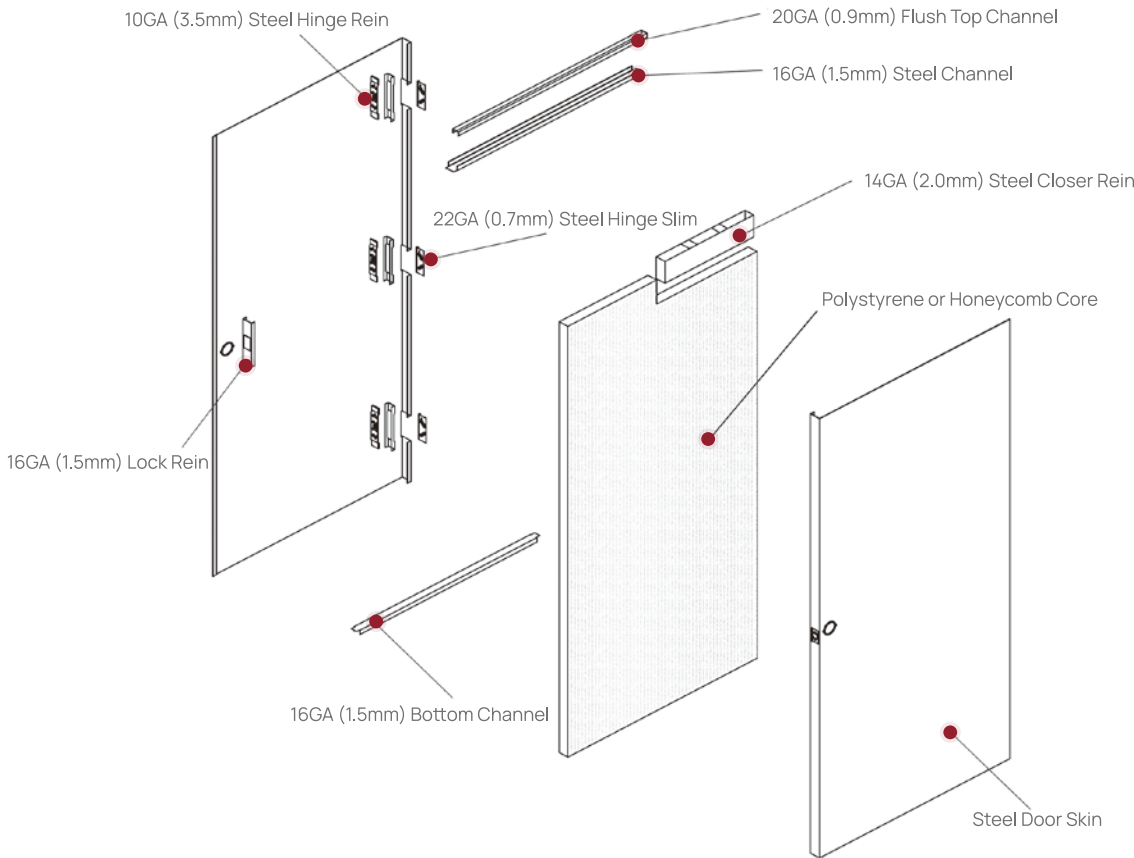
PACKAGING

FLUSH STEEL COMMERCIAL DOORS

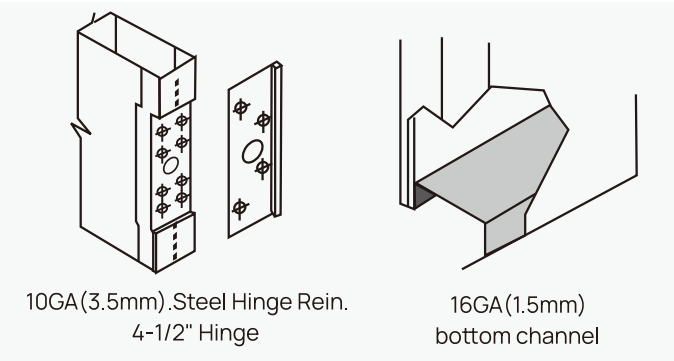
STEEL DOOR SKIN

16GA (1.5mm), 18GA (1.1mm), 20GA (0.9mm)
A40 Galvanized, G40 Galvanneal, Or Cold-rolled Steel Skins
Construction is 1-3/4" (45mm) Thickness
Hinge, closer, lock and strike plate reinforcements shall be provided.
Hinge reinforcement: 10GA (3.5mm)
Closer reinforcement: 14GA (2.0mm)
Lock reinforcement: 16GA (1.5mm)
Strike plate reinforcement: 16GA (1.5mm)

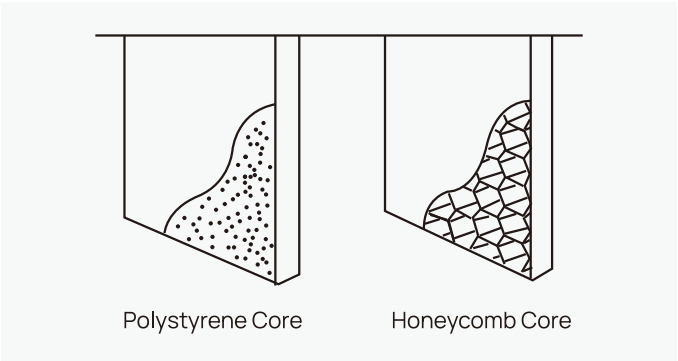
The top, bottom and side closures are fabricated From 16GA(1.5mm) thick channel shaped steel sections Welded to the front and back door skins.
Flush top channel: 16GA(1.5mm)
Laser-welded side-seamed edge.
Widths up to and including 4'0"
Heights up to and including 8'0"
Available with polystyrene core or honeycomb core.



HINGE SHIM

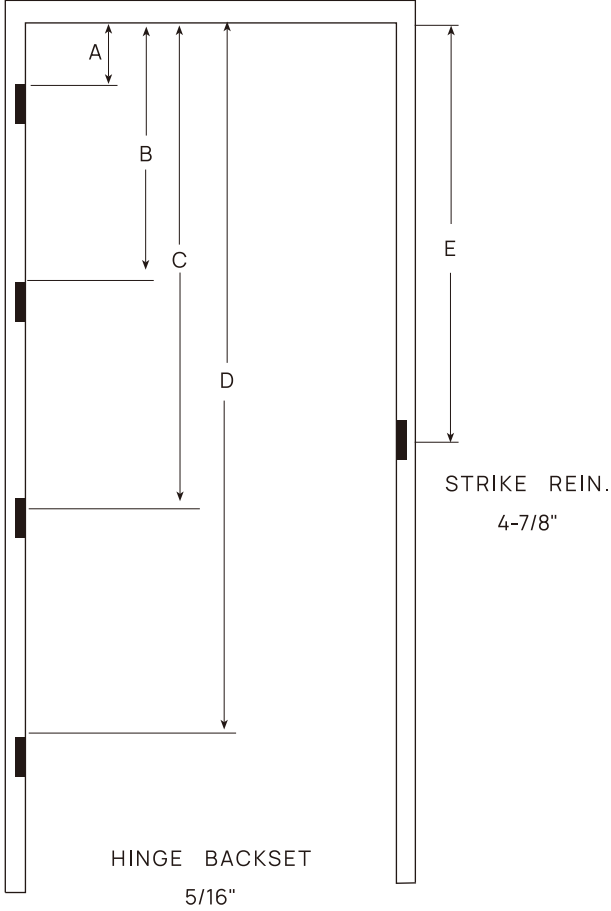


CORE SERIES

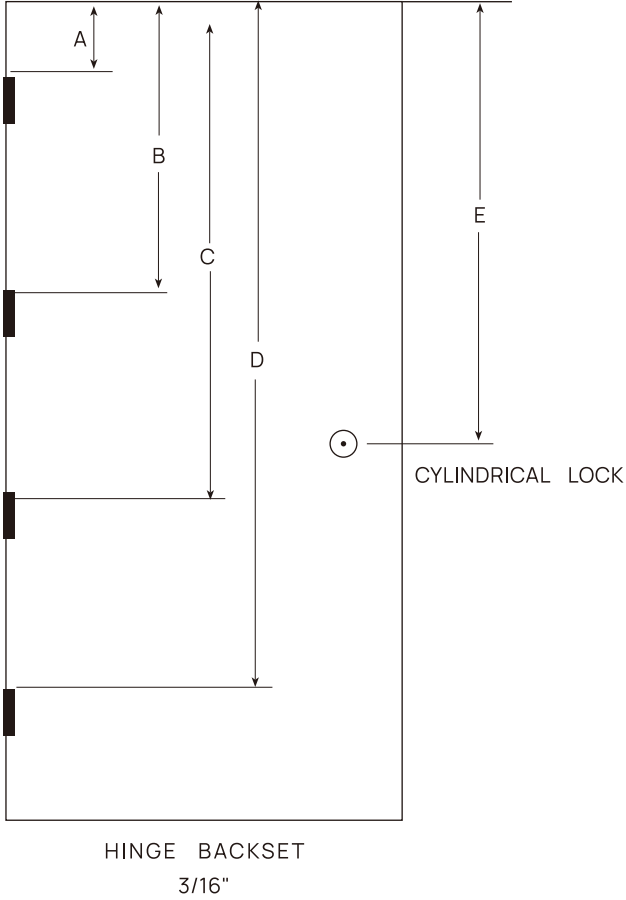


HINGE AND LOCK PREP LAYOUT

FRAME



DOOR



FRAME

Other locations are available. We make to request.

SIZE	A	B	C	D	E
6'8"	7-1/2"	37-7/16"	67-3/8"		39-11/16"
7'0"	7-1/2"	39-7/16"	71-3/8"		43-11/16"
8'0"	7-1/2"	32-51/64"	58-3/32"	83-25/64"	55-11/16"

DOOR

Other locations are available. We make to request.

SIZE	A	B	C	D	E
6'8"	7-3/8"	37-5/16"	67-1/4"		39-9/16"
7'0"	7-3/8"	39-5/16"	71-1/4"		43-9/16"
8'0"	7-3/8"	32-43/64"	57-31/32"	83-17/64"	55-9/16"

For mortise lock, dimension E is 3/8" greater.

COMMERCIAL HOLLOW METAL DOORS

- FLUSH TYPE

FEATURE

- 1-3/4" (44.5mm) Thickness, non-handed design with reversible hinge plates inside.
- Inverted top and bottom channels for additional stability and protection.
- Meets the Standards for ANSI 250.8 and SDI 100.
- Factory-applied epoxy gray primer or finished painting (RAL color options) or powder coating (RAL color options) or wood grain painting. Accoustic rating: STC34DB.
- Fire-rated time up to 3 hours with WHI /UL /FM label applied (optional).



SPECIFICATION

Parameter name	Basic parameters
Door material	A40 Galvanized steel or galvanealed .Heavy Duty, SDI Level 2 – (1.1mm)18-Gauge Steel Face Sheets for doors, (1.4mm) 16 gauge for frame – (16 Ga. 20 Ga. Available)
Core	Honeycomb Core or Polystyrene Core mineral fireboard /rock wool
Door Thickness	1-3/4" (44.5mm) AS Standard
Handing	Non-Handed Design; Reversible Hinge Plates
Sizes	Standard Widths up to 4'0" (1220mm), Heights to 8'0" (2440mm) for single ,double will be 8'0" by 8'0" (2400*2400mm), other size customized available
Reinforcements	Heavy Gauge Steel for Door Closer and Hinge, Lock Reinforcements
Channels	16-Gauge Inverted Top and Bottom Channels, Optional Flush Top Cap
Door Finish	Gray Primer/Finish Paint/powder coating /wood grain finished
Standard Preps	161 (cylindrical lock) , 86 Edge (mortise lock) , Deadbolt, RPD (blank edge, panic reinforced)
Optional Preps	Continuous Hinge Application (Undersized Width), Exit Device Trim, Deadbolts, Lite and Louver Cutouts
Fire-Rating	FM/WHI /UL up to 3-hour Fire-Rating, Positive Pressure and "S" Smoke included STC 34DB

COMMERCIAL HOLLOW METAL DOORS

- VISION LITE

FEATURE

- Including self-attaching netal frame lite kits mounted with glass.
- Glass types wire glass or other fire safety glass.
- Lite kit order size equal to cutout size – Glass size is 1" under, Visible glass is 2" under.
- Meets the Standards for ANSI 250.8 and SDI 100.
- Factory-applied epoxy gray primer or finished painting (RAL color options) or powder coating (RAL color options) or wood grain painting. Accoustic rating: STC34DB.
- Fire-rated time up to 1.5 hours with UL/WHI /FM label.



SPECIFICATION

Parameter name	Basic parameters
Door material	A40 Galvanized steel or galvanealed .Heavy Duty, SDI Level 2 – (1.1mm)18-Gauge Steel Face Sheets for doors, (1.4mm) 16 gauge for frame – (16 Ga. 20 Ga. Available)
Core	Honeycomb Core or Polystyrene Core mineral fireboard /rock wool
Door Thickness	1-3/4" (44.5mm)AS Standard
Handing	Non-Handed Design; Reversible Hinge Plates
Sizes	Standard Widths up to 4'0" (1220mm), Heights to 8'0" (2440mm) for single ,double will be 8'0" by 8'0" (2400*2400mm), other size customized available
Edges	Square Hinge and Lock Edges (Beveled Edges Available) – Full Height, Epoxy Filled Mechanical Interlock Edges
Reinforcements	Heavy Gauge Steel for Door Closer and Hinge, Lock Reinforcements
Channels	16-Gauge Inverted Top and Bottom Channels, Optional Flush Top Cap
Door Finish	Gray Primer/Finish Paint/powder coating /wood grain finished
Standard Preps	161 (cylindrical lock) , 86 Edge (mortise lock) , Deadbolt, RPD (blank edge, panic reinforced)
Optional Preps	Continuous Hinge Application (Undersized Width), Exit Device Trim, Louver Cutouts
Fire-Rating	Optional (with fire glass) – FM/WHI /UL up to 1.5 Fire-Rating, Positive Pressure and "S" Smoke included
Vision Lite Frame Construction	18-Gauge Steel
Vision Lite Frame Fire-Rating	45 MINS OR 1.5 Hour – Tested and Listed for UL
Vision Size	5"*20" /10*10"/22*22"/22*60" regularly, or customized
Glass Types	6.8mm Fire-Rated Wire glass

EMBOSSED HOLLOW METAL DOOR - PANEL TYPE

FEATURE

- High definition embossed panels with 1/2/6 panel style.
- Factory-applied epoxy gray primer or finished painting (RAL color options) or powder coating (RAL color options) or wood grain painting. Accoustic rating: STC34DB.
- Fire-rated up to 45/90 Mins with WHI(intertek) label applied (optional).



SPECIFICATION

Parameter name	Basic parameters
Door material	A40 Galvanized steel or galvanealed .Heavy Duty, SDI Level 2 – (1.1mm)18-Gauge Steel Face Sheets for doors, (1.4mm) 16 gauge for frame – (16 Ga. 20 Ga. Available)
Core	Honeycomb Core or Polystyrene Core mineral fireboard /rock wool
Door Thickness	1-3/4" (44.5mm)AS Standard
Handing	Non-Handed Design; Reversible Hinge Plates
Sizes	Standard Widths up to 4'0" (1220mm), Heights to 8'0" (2440mm) for single ,double will be 8'0" by 8'0" (2400*2400mm), other sizze customized available
Reinforcements	Heavy Gauge steel for Door Closer and Hinge, Lock Reinforcements
Channels	16-Gauge Inverted Top and Bottom Channels, Optional Flush Top Cap
Door Finish	Gray Primer/Finish Paint/powder coating /wood grain finished
Standard Preps	161 (cylindrical lock) , 86 Edge (mortise lock) , RPD (Panic Bar Reinforced)
Optional Preps	Exit Device Trim, Deadbolts, Card Locks
Fire-Rating	Optional – WHI 90 Mins Fire-Rating, Positive Pressure and "S" Smoke included

COMMERCIAL HOLLOW METAL DOOR - LOUVER TYPE

FEATURE

- Commercial hollow metal doors with louvers (or ventilation devices) provide air ventilation between rooms or inside of closets Louver –order size equal to cutout size.
- 1-3/4" Thick(44.5mm), non-handed design with reversible hinge plates.
- Factory-applied epoxy gray primer or finished painting (RAL color options) or powder coating (RAL color options) or wood grain painting. Accoustic rating: STC34DB.



SPECIFICATION

Parameter name	Basic parameters
Door material	A40 Galvanized steel or galvanealed .Heavy Duty, SDI Level 2 – (1.1mm)18/20-Gauge Steel Face Sheets for doors, (1.4mm) 16 gauge for frame – (16 Ga. 14Ga. Available)
Core	Honeycomb Core or Polystyrene Core mineral fireboard /rock wool
Door Thickness	1-3/4" (44.5mm)AS Standard
Handing	Non-Handed Design; Reversible Hinge Plates
Sizes	Standard Widths up to 4'0" (1220mm), Heights to 8'0" (2440mm) for single ,double will be 8'0" by 8'0" (2400*2400mm), other sizze customized available
Reinforcements	Heavy Gauge steel for Door Closer and Hinge, Lock Reinforcements
Channels	16-Gauge Inverted Top and Bottom Channels, Optional Flush Top Cap
Door Finish	Gray Primer/Finish Paint/powder coating /wood grain finished
Standard Preps	161 (cylindrical lock) , 86 Edge (mortise lock) , RPD (Panic Bar Reinforced)
Optional Preps	Continuous Hinge Application (Undersized Width), Exit Device Trim, Lite Cutouts
Fire-Rating	UL/WHI up to 90-Minute Fire-Rating (with fire rating Fusible Link Louver)

COMMERCIALHOLLOW METAL DOOR - TEMPERATURE RISING TYPE

FEATURE

- A temperature rise metal door is a fire-rated door that limits the heat transfer through the door for a period of 30 minutes Temperature Rise Doors 250°.
- 18 gau or 16 Gauge Galvanized Steel.
- Seamless Filled Edges (Edge/Corner Seam Construction).
- Full Body Mineral fireboard Core.
- Non-Handed Design.
- 16-Gauge Flush Top Cap - Galvanized.
- 16-Gauge Inverted Bottom Cap - Galvanized.
- Factory-applied epoxy gray primer or finished painting (RAL color options) or powder coating (RAL color options) or wood grain painting. Accoustic rating: STC34DB.
- WHI intertek testing up to 1 hours.



SPECIFICATION

Parameter name		Basic parameters
Test Institution	INTERTEK	
Door material	A40 Galvanized steel or galvanealed .Heavy Duty, SDI Level 2 – (1.1mm)18-Gauge Steel Face Sheets for doors, (1.4mm) 16 gauge for frame – (16 Ga. 20 Ga. Available)	
Core	Mineral fireboard	
Door Thickness	1-3/4" (44.5mm)AS Standard	
Reinforcements	Heavy Gauge steel for Door Closer and Hinge, Lock Reinforcements	
Door Finish	Gray Primer/Finish Paint/powder coating /wood grain finished	
Standard Preps	161 (cylindrical lock) , 86 Edge (mortise lock) , RPD (Panic Bar Reinforced)	
Size	Standard Widths up to 4'0" (1220mm), Heights to 8'0" (2440mm) for single .Could be customized	
Temperature Rise Rating	Met the requirements for a 60-minute Exposure period with hose stream Met 250°F(139°C)unexposed temperature Rise criteria for 30-minute exposure	
Test Standard	NFPA 252 (2021)Ed.2022; CAN/ULC S104:2015(R2020); UL 10© (2016)Ed.3(R:27 May 2021); UL 10 (b) (R2020)	
Reinforcement	12-Gauge Closer Reinforcement 10-Gauge Hinge Reinforcement- Standard / Heavy Duty	

VISION LITE FRAME - FIRE RATED

FEATURE

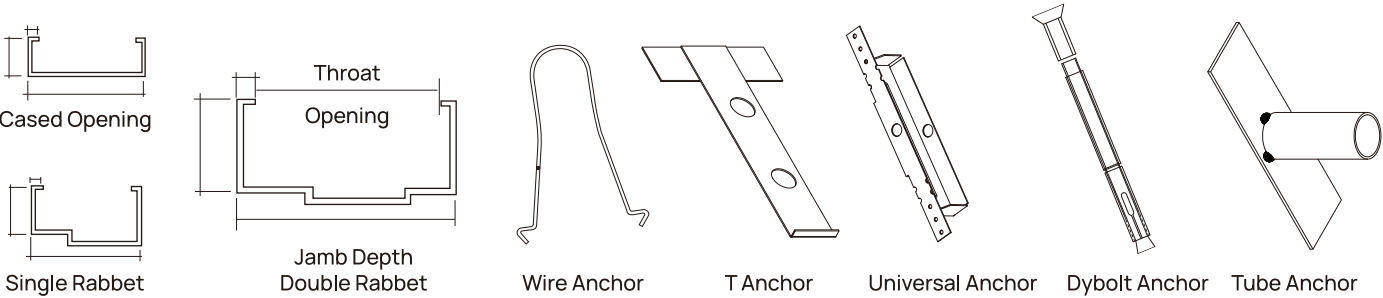
- 45-90 Minute Fire Rated Steel Frame Vision Lites.
- Glass Options:
 - (WS) 1/4" Wired Glass, 20-90 minutes fire rating.
 - (TEMP) 1/4" Tempered Glass, non fire rated.
- Standard Profile Beveled Vision Lite for Fire Rated Doors.
- Frame has single sided fasteners.
- 18 Gauge Cold Rolled /galvanized Steel Frames.
- Designed for 1-3/4" door slab only.



SPECIFICATION

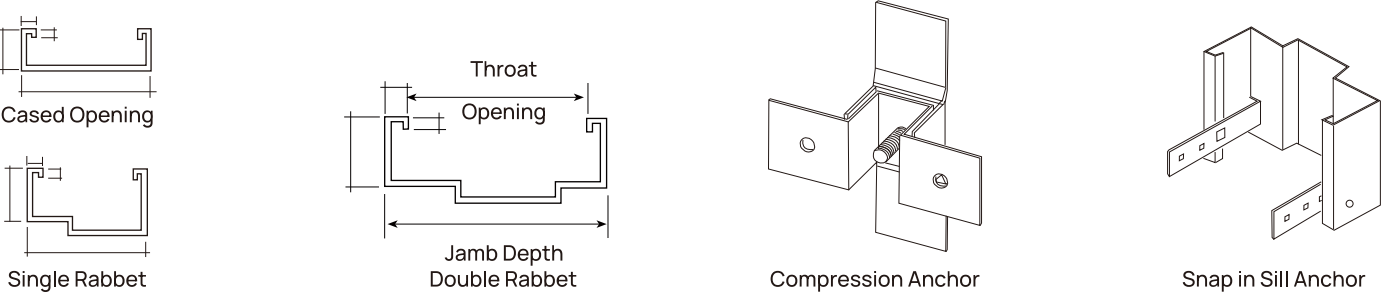
Parameter name		Basic parameters
Brand	GH	
Finishes	Powder coating or finished	
Order Size	5" x 35", 6" x 27", 7" x 22", 8" x 30", 8" x 36", 12" x 12", 18" x 24", 18" x 32", 24" x 24", 24" x 30", 24" x 36", 24" x 60", 24" x 64"	
Glass Type	Wire Fire-Rated Glass	
Glass Thickness	1/4"—6.8mm	
Fire-Rating	90 Minutes – UL Listed	
Glass Approvals	UL 9, UL 10B; NFPA 80, NFPA 252, ULC CAN APPROVED	
Frame Construction	20 Gauge Cold Rolled /Galvanize steel	
Frame Fire-Rating	Tested and Listed for UL 10C UL 10B 90 minutes fire	
Door Thickness	For use 1-3/4" slab	

MASONRY/STUD CONSTRUCTION FRAME



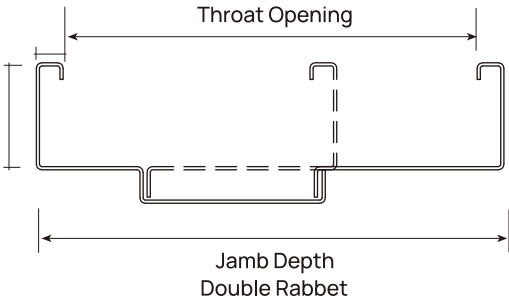
Jamb Depth	4-3/4"	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	8-3/4"	9-1/4"	10-1/4"
Throat Opening	3-3/4"	4-7/8"	5-1/4"	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	9-1/4"

DRYWALL FRAME



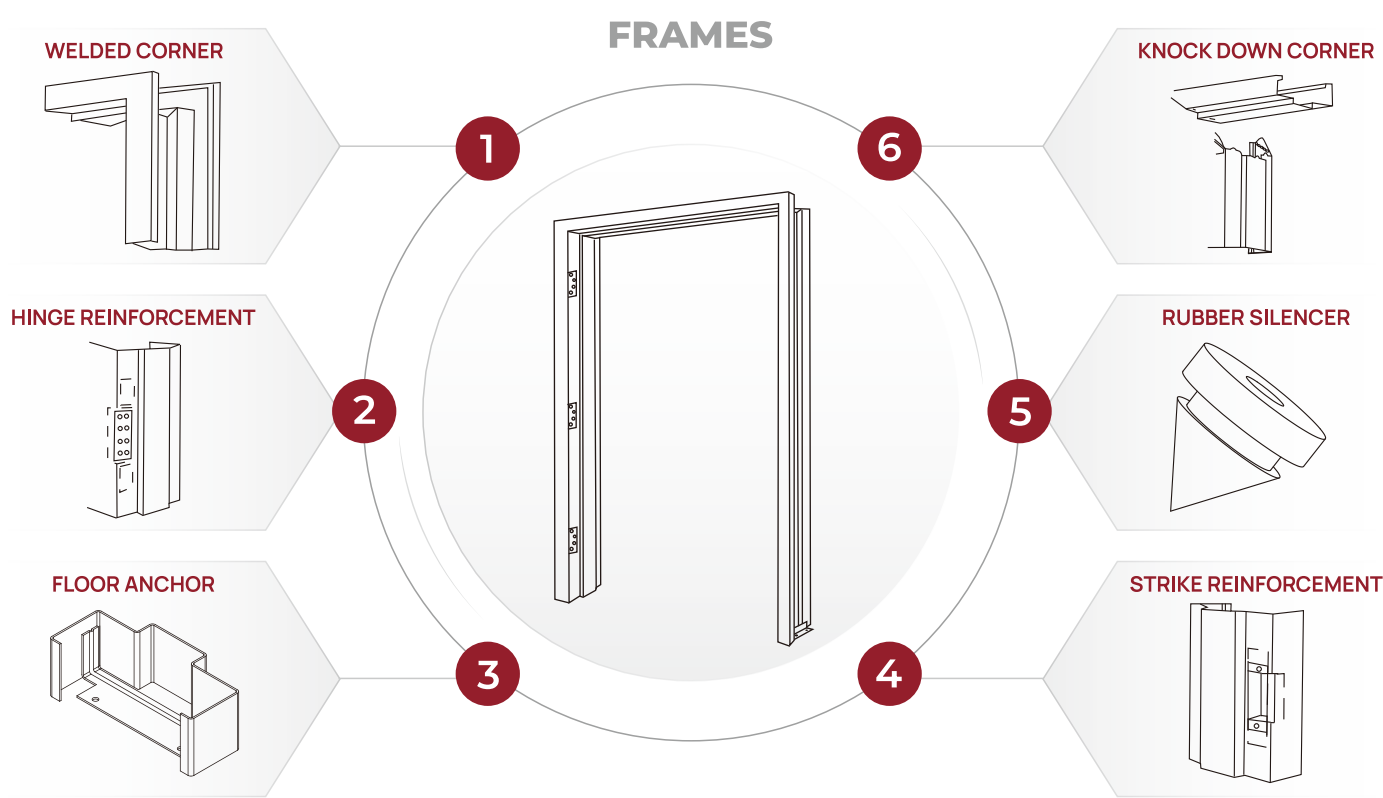
Jamb Depth	4-3/4"	5-7/8"	6-1/4"	6-5/8"	7-1/4"	7-3/4"	8-1/4"
Throat Opening	3-3/4"	4-7/8"	5-1/4"	5-5/8"	6-1/4"	6-3/4"	7-1/4"

ADJUSTABLE FRAME



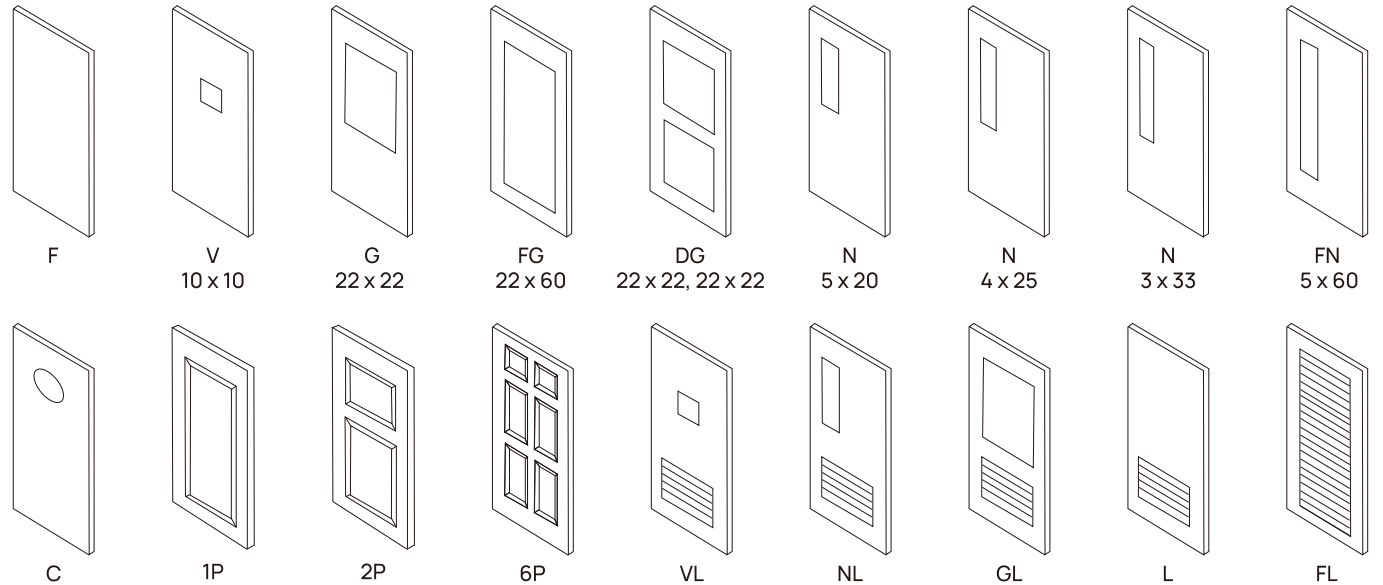
Jamb Depth	5-1/2" - 8-3/4"	6-1/2" - 10-3/4"	7-1/2" - 12-3/4"	8-1/4" - 14-1/4"
Throat Opening	4-1/2" - 7-3/4"	5-1/2" - 9-3/4"	6-1/2" - 11-3/4"	7-1/4" - 13-1/4"

WELDED OR KNOCK DOWN STEEL FRAMES



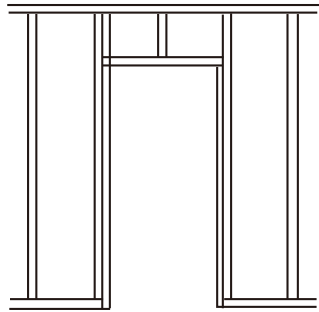
16GA (1.5mm) (cold-rolled or galv.) 3 HR WH or FM label	Unequal Double Rabbet Single Rabbet Cased Opening Knock down or Welded 10GA (3.5mm) hinge rein.	To be installed before wall finish: Jamb Depth 4-3/4" ~10-1/4" To be installed after wall finish: Jamb Depth 4-3/4" ~8-1/4"	Anchors for masonry, wood, and metal stud walls
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DOOR TYPES



MASONRY/STUD CONSTRUCTION FRAME INSTALLATION

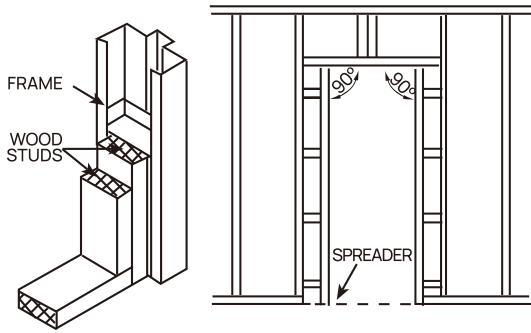
WOOD STUD CONSTRUCTION



ROUGH STUD OPENING

Width=Nom. frame width + 4-3/8" min. to 4-3/4" max (i.e. 3'0" = 40-3/8" min. to 4-3/4" max.)

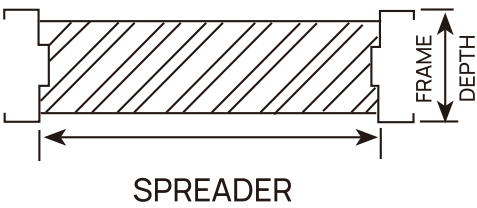
Height=Nom. frame height + 2-1/4" min. (i.e. 6'8" = 82-1/4" min.)



ROUGH STUD OPENING

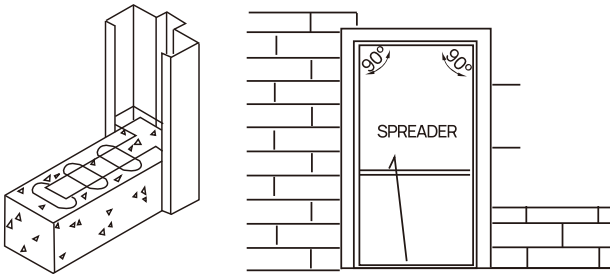
- (1) Insert a minimum of three anchors per jamb. Can't anchors in frame throat and tap in with a hammer. Place frame in rough stud opening.
- (2) Bend anchor tabs around stud leaving desired clearance between frame return and stud.
- (3) Set spreader and level frame. Shim under jambs if necessary.
- (4) Square and nail top anchors to studs on ONE SIDE ONLY. Check plumb and square and continue to nail balance of anchors to studs.

MASONRY CONSTRUCTION



Typical wood spreader must be square and fabricated from lumber no less than 1" thick. Correct length is the door opening width between the jambs at the header. Cut clearance notches for frame stops. Spreader must be nearly as wide frame depth for proper installation.

I.e., Single door 3'0" = 36"
Double door 6'0" = 72"



- (1) Set and plumb frame.
- (2) Install three anchors per jamb at quarter points as wall is laid up. Grout frame in the area of the anchors.
- (3) A second spreader is recommended at the mid point of the door opening to maintain the door opening dimension.
- (4) Continually check plumb and square as wall progresses.

DRYWALL FRAME INSTALLATION

1

Prepare rough opening
Door nominal width+2" Door nominal height+1"
(i.e., 3070 = 38" width, 85" height.)

2

Install strike jamb by sliding over wall at top and engaging corner reinforcing into header. Pivot jamb into place.

3

Install header into position approximately 1" from top and in the center of rough opening.

4

Repeat Step #2 with hinge jamb.

5

Turn adjusting screws in both jambs clockwise until anchor is resting against the wall.

6

If feasible, hang door now and adjust frame on wall to allow proper door/frame clearance or plumb frame with carpenter square and/or level. (adjust header levelness by shimming under jambs.)

7

Drywall Plumb Anchor
1 per jamb screw driver adjustment

8

Sill Anchor
Dimpled hole for #8 FH fastener by contractor. Fastener must be long enough to engage wall stud.

Check door opening dimension at base of frame (same dimension as between jambs at header.)
Secure jambs with drywall screw(not furnished) through sill anchor at base of frame. Be sure to attach through both sill anchors on each side of jambs (4 places.)

FIRE DOOR REQUIREMENTS

Opening	Label Classification	Location In Building	Glass	
	3 HOUR RATING	3 hour rated opening (Class A). Openings are in walls separating buildings or dividing a single building into fire areas. Doors for these openings require a fire protection rating of 3 hours.		None
	1-1/2 HOUR RATING	1-1/2 hour rated opening (Class B). Openings are in enclosures of vertical communication through buildings, These could be stairwells or elevator shafts, While not a means of vertical communication, boiler room doors are generally categorized as Class "B" openings. Door for these areas require a fire protection rating of 1-1/2 hours. and glass areas may not exceed 100 square inches per individual door leaf except as noted below.		100 Sq. In. per door Leaf
	3/4 HOUR RATING	3/4 hour rated opening (Class C). Openings are in corridors and room partitions. Doors for these areas require a fire protection rating of 3/4 hour, and the glass area cannot exceed 1296 square inches per light with no dimension exceeding 54 inches except as noted below.		1296 Sq. In.per Light

Opening	Label Classification	Location In Building	Glass	
	1-1/2 HOUR RATING	1-1/2 hour rated opening (Class D). Openings are in exterior walls which are subject to severe fire exposure from the outside of the building. Doors for these areas require a fire protection rating of 1-1/2 hours.		None
	3/4 HOUR RATING	3/4 hour rated opening (Class E). Openings are in exterior walls which are subject to moderate or light fire exposure from the outside of the building. A typical example would be a door leading to an exterior fire escape, Doors for these openings require a fire protection rating of 3/4 hour with glass areas not exceeding 1296 square inches per light with no dimension exceeding 54 inches.		1296 Sq. In.per Light
	20 MINUTE	20 minute fire rated door frame assemblies are normally found in interior partitions and are intended for installation with 20 minutes fire rated doors of the single or swing in pairs.		1296 Sq. In.per Light

WOODEN FIRE RATED DOOR

Doors & Frames

 Green Shield, Secure Field, Life Protected.



Doors & Frames



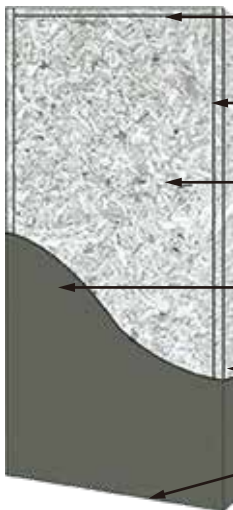
Overall 1-3/4" minimum (44.5mm) with solid core in a high density mineral fire board. Door set tested and certified as fire rated from 20 mins to 90 mins. Suitable door set for apartments, offices, hotels, schools, hospitals and commercial buildings. Door surface are based on MDF, veneer, or laminate. All the constructions are usa popular standard.



Solid wood jamb (fire rated 20 mins) and metal jamb (fire rated 90 mins) available
Adjustable architrave available.
Adjustable metal jamb available.
Hot transfer wooden veneer painting on metal jamb available.
All USA standard anchor on jamb available.

FINISH

- Flush wood veneer, the structure is consist of MDF/plywood with veneer, stile and rail, solid wood edge, chipboard or mineral fireboard to be inside core, and it can be primer paint or stained painting finish.
- High pressure decorative laminate door
(Visible surface) Same as face material laminated (1.0mm) with edge-before-face construction. Optional edges are: unfinished or finished at factory, and painted at factory with a mill option hardwood edges for staining or painting.Clearances: 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 6.3.1.7.1, 2013 Edition. Bottom clearance is 3/4" max. (Bottom of the door to top finish floor) See NFPA-80 4.8.4.1, 2013 edition.



- TOP RAIL:**
1-3/8" Structural Composite Lumber (SCL) FSC certified.
- VERTICAL STILES:**
1-3/8" Structural Composite Lumber (SCL) FSC certified with matching laminate or hard-wood edge.
- CORE:**
Particleboard or FSC certified particleboard, ANSI A208.1,grade LD-2
70% of door construction weight, composed of pre-consumer recycled material.
- LAMINATE FACES:**
Horizontal grade - standard (HGS)
- FINISHED THICKNESS:**
1-3/4" (±1/16")
- BOTTOM RAIL:**
1-3/8" Structural Composite Lumber (SCL) FSC certified.

STRUCTURE AND FEATURE

FEATURE

- Available with a range of hardware preps and glass lites (limited sizes).
- 45, 60 or 90-minute fire-rating with WHI / ITS metal label applied.
- 20 minutes fire rating with UL10C/UL10B fire label applied.
- Fire-rated metal door frames or wood fire frame available.
- 60mm thickness only, bonded construction.
- Sounproof with acoustic grade STC 38 db.
- Raised panel or flat panel or carving line.
- Hardboard, stain grade, or prefinished veneers painting or HPL laminated.
- Fire-resistant mineral core: rated up to 90-minutes longer.



SPECIFICATION

Parameter name		Basic parameters
Surface Material		HDF /MDF or A Grade Wood Veneer painting, Rotary and Plain Sliced .or vilsonart HPL laminated
Core		Fire resistant composite mineral fireboard core
Door Thickness		60mm
Sizes		Up to 4'0" (1200mm) Widths, 8'0" (2400mm) Heights
Horizontal Edges		Top and bottom rails - wood or composite material. Bonded to core
Vertical Edges		Matching vertical edges - wood or composite material. Bonded to core
Adhesive		Type 1, Interior installation only
Fire-Rating		20, minute label with wood frame (UL lab) 45/90, minute label with steel frame (Warnock Hersey-WHI/ UL lab)
Accoustic grae		STC 38 DB
Door Weight		55 kg around on slab
Mfg. Hinge/ Lock Locations		Steelcraft, Timely, amwell Mesker, Ceco, Curries, Republic, Baron, Pioneer, Deansteel, Custom Locatio

WOOD FIRE DOOR FLUSH

FEATURE

- Available with a range of hardware preps and glass lites (limited sizes).
- 45, 60 or 90-minute fire-rating with WHI / ITS metal label applied.
- 20 minutes fire rating with UL10C/UL10B fire label applied.
- Fire-rated metal door frames available.
- 1-3/4"thickness only, bonded construction.
- Hardboard, stain grade, or prefinished veneers painting or HPL laminated.
- Fire-resistant mineral core: rated up to 90-minutes longer.



SPECIFICATION

Parameter name	Basic parameters
Surface Material	HDF /MDF or A Grade Wood Veneer painting , Rotary and Plain Sliced .or vilsonart HPL laminated
Core	Fire resistant composite mineral fireboard core
Door Thickness	1-3/4" = 44.5mm
Sizes	Up to 4'0" Widths, 8'0" Heights
Horizontal Edges	Top and bottom rails - wood or composite material. Bonded to core.
Vertical Edges	Matching vertical edges - wood or composite material. Bonded to core.
Adhesive	Type 1, Interior installation only
Fire-Rating	20, minute label with wood frame (UL lab) 45/90, minute label with steel frame (Warnock Hersey-WHI/ UL lab)
Door Weight	45 kg around on slab
Mfg. Hinge/ Lock Locations	Steelcraft, Timely, amwell Mesker, Ceco, Curries, Republic, Baron, Pioneer, Deansteel, Custom Locations

MINERAL FIREBOARD CORE FIRE-RATED WOOD DOORS FOR COMMERCIAL AND INSTITUTIONAL APPLICATION

- GH wood fire doors control the spread of fire and smoke for up to 1-1/2 hours (90 minutes).
- Fire doors are often used on openings leading from corridors to offices, closets, storage rooms, stairwells, mechanical rooms, or any other opening that penetrates a fire barrier wall.
- The WOOD fire doors are composed of non-combustible materials that can be fire-rated for up to 90 minutes. Doors with mineral cores are typically specified where building require fire-rated constructions.
- The door frame and hardware must also carry the appropriate fire label.

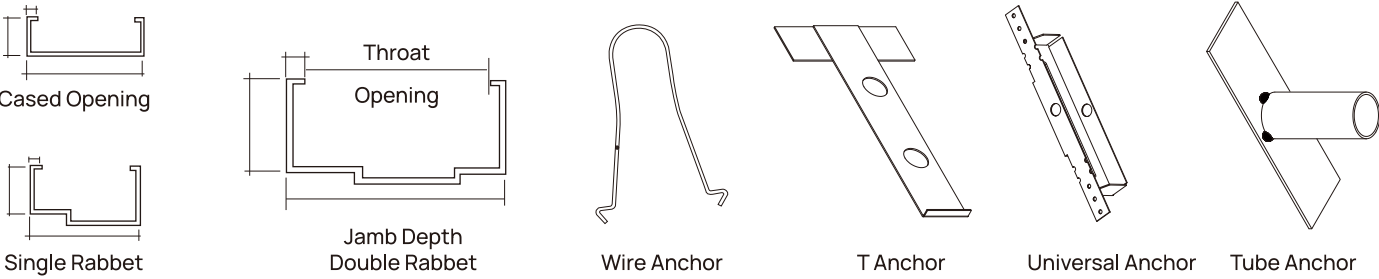
HOLLOW METAL FRAME & SOLID WOODEN FRAME

HOLLOW METAL FRAME

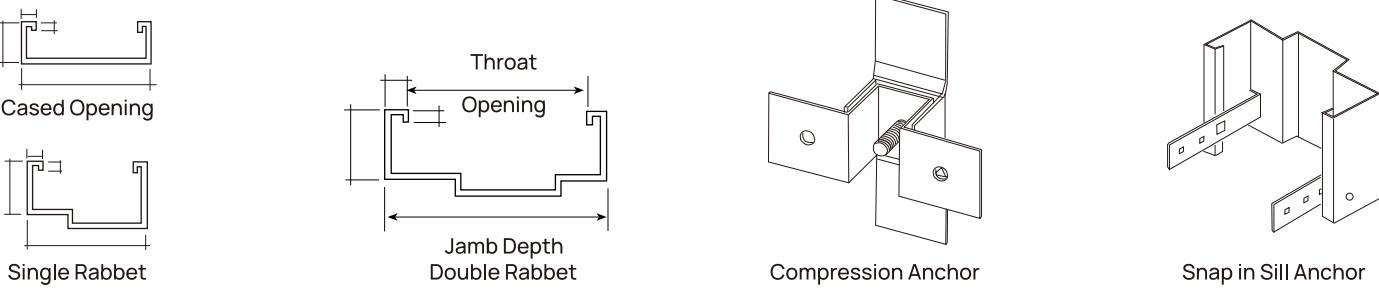
Frames are manufactured to accommodate any wall condition, including masonry frame and drywall frame type. A wide variety of frame anchors are available. Width up to and including 4'0", height up to and including 8'0".

- Available in knock down frame and welded frame.
- Material have cold roller or galvanized steel.
- Steel thickness have 16ga, 14ga.
- Fire rating from 45mins to 180mins.
- Surface painting can match with wooden door color.

MASONRY/STUD CONSTRUCTION FRAME



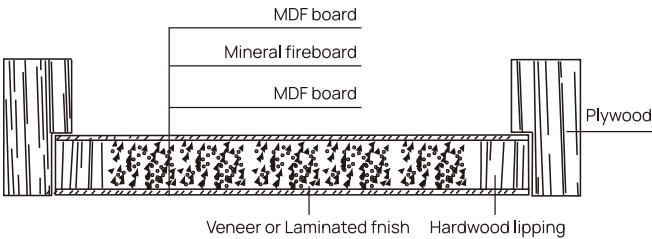
DRYWALL FRAME



SOLID WOODEN FRAME

GH offers a complete line of non-fire rated and fire rated wooden frames with similar design appearance.

- Available in knock down frame and pre-hung frame.
- Material have fireproof plywood with wood veneer
- Min frame width: 100mm; max frame width: equal to wall thickness
- Fire rating up to 20mins with UL listed



MODEL PICTURE

PAINTING FINISH



VENEER FINISH



LAMINATED FINISH



WOOD INTERIOR DOOR SERIES

FLUSH DOOR



SHAKER DOOR



OTHER SPECIAL STYLE DOOR



AVAILABLE FINISHING

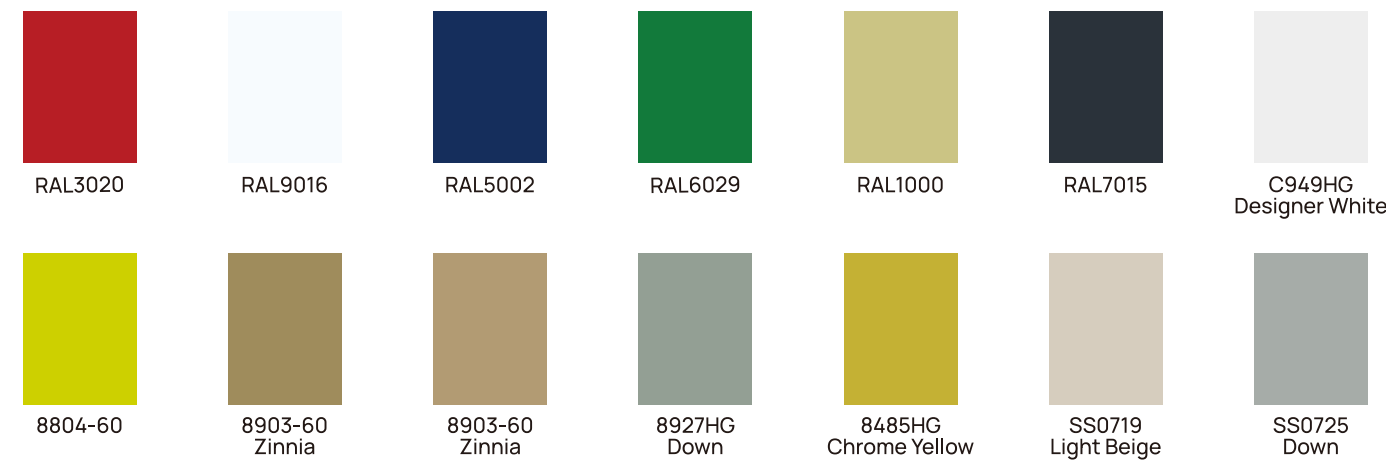
LAMINATED HPL OR MELAMINE PAPER



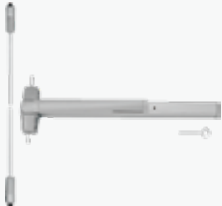
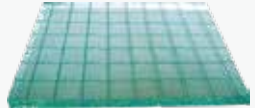
WOOD VENEER PAINTING



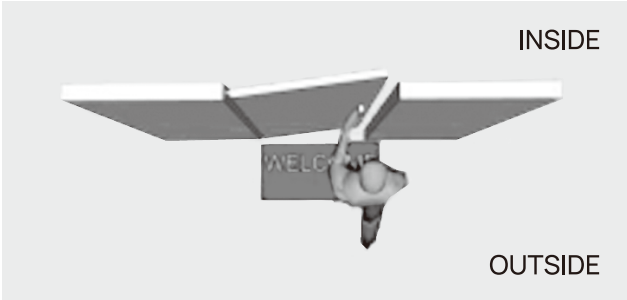
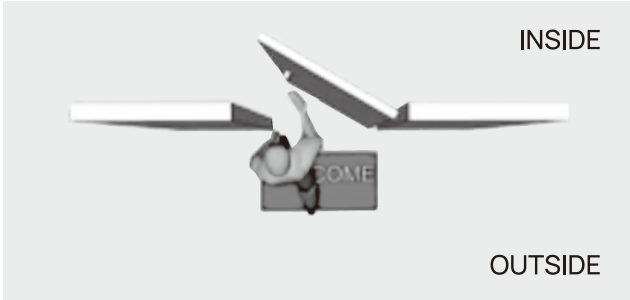
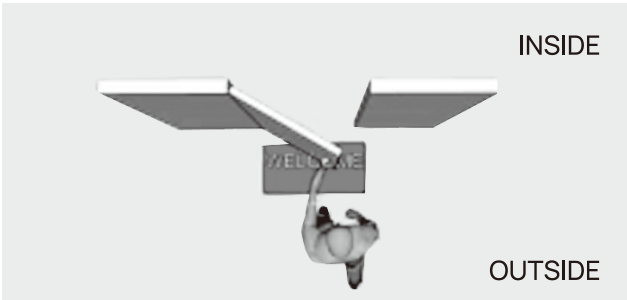
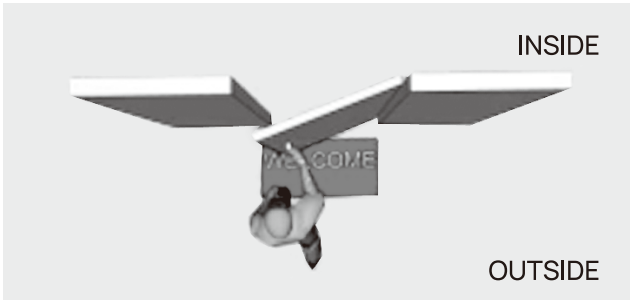
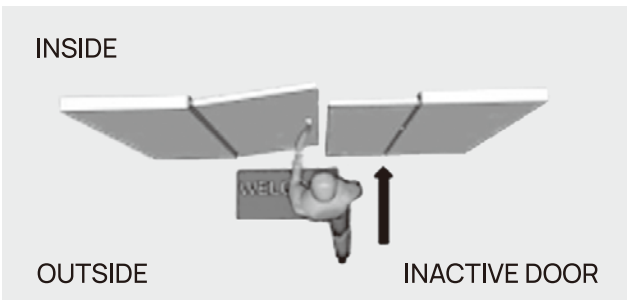
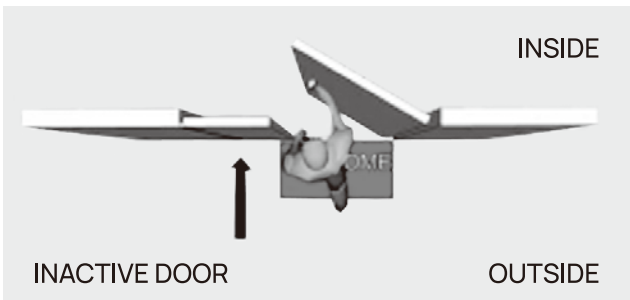
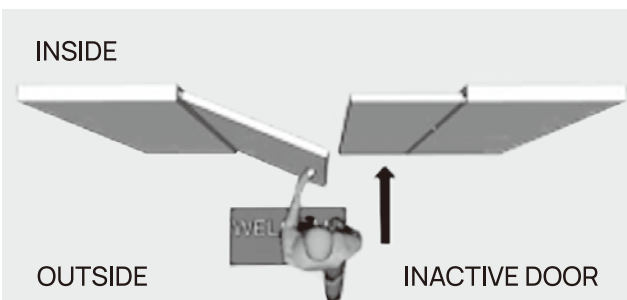
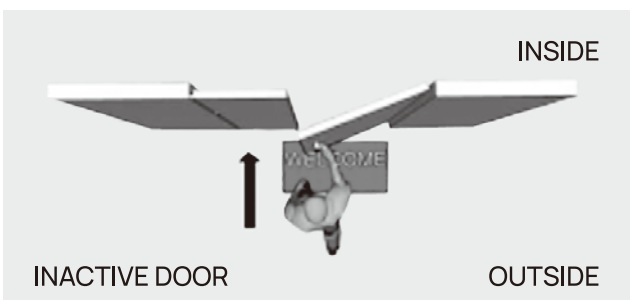
PRIMED WHITE/ CUSTOMIZED PAINTING



ACCESSORIES

				
Handle 002	Handle 003	Handle 004	Mortise Lock	
				
Electronic Lock	Dead Lock	Cylinder Lock	Door Sweep	smoke seal
				
Autom Bottom Seal	Push And Pull Plate	Press Bar	Panic Bar	
				
Ball-bearing Hinge	Spring Hinge	Mounted Closer	Concealed Closer	
				
Kick Plate	Threshold	Viewer	Wire Glass	

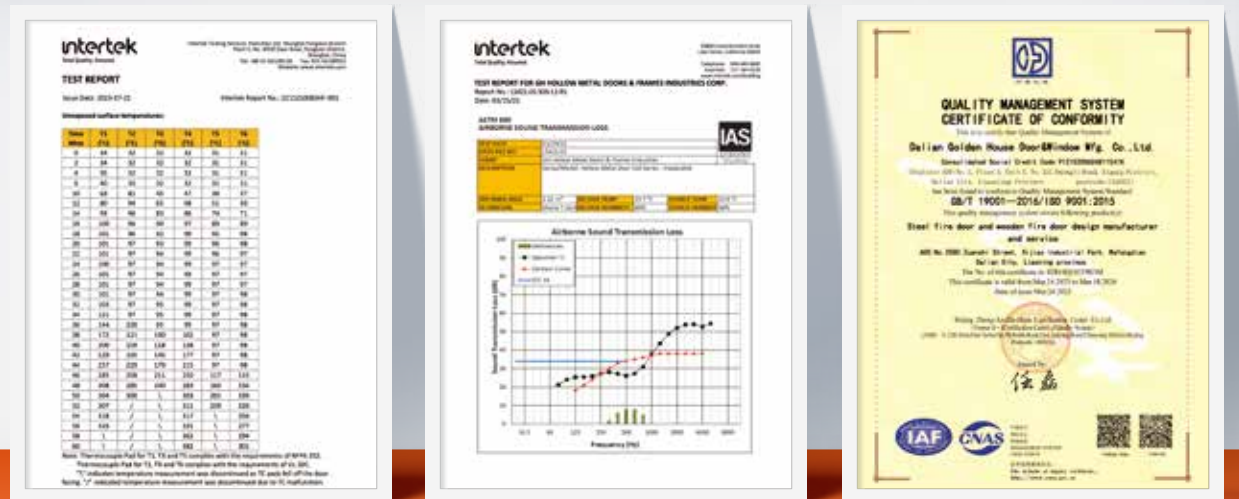
DOOR AND FRAME HANDING CHART

Left Hand(LH) 	Right Hand(RH) 
Left Hand Reverse(LHR) 	Right Hand Reverse(RHR) 
Left Hand Active(LHA) 	Right Hand Active(RHA) 
Left Hand Reverse Active(LHRA) 	Right Hand Reverse Active(RHRA) 

CERTIFICATIONS



- Intertek WH Listed 20 Mins - 3 Hours Approval For Steel Doors & Frames
- Intertek WH Listed 60 Mins, Met 250°F (139°C) Unexposed Temperature Rise Criteria
- Intertek WH Listed 90 Mins Approval For Steel Expandable Frames
- Intertek WH Listed Steel Door Sound Proof Ratings Up To STC 34DB
- UL Listed 20 Mins - 3 Hours Approval For Steel Doors & Frames
- UL Listed 90 mins Steel Vision Panel Approval
- FM Listed 20 Mins - 3 Hours Approval For Steel Doors & Frames
- ISO9001 Quality System Certificate
- Golden House wooden fire rated door tested door and frame according to UL10c;
- UL10b; NFPA252; UBC 7-2; ASTM E2074; CAN/ULC S104 by UL and Intertek.



PROJECT CASES

METAL FIRE RATED DOOR



Apartment



Emergency exit



Public area



Commerical entry



Hospital

WOODEN FIRE RATED DOOR

WOODEN FIRE RATED DOOR



Lobby



Hotel



Emergency exit



Office

OUR
CUSTOMER



U.A.E.

USA

MACAU

KENYA

QATAR

GUAM

KSA

CANADA

KUWAIT

AFGANISTAN

ASTANA
KAZAKHSTAN

PANAMA

Watchtower Bible & Tract Society
Avista Hotels
ALOFT Hotels
Broadway Block, LA
Even Hotel Long Island City NY
Watersound
Sugar Sands

Bukshaisha Building &
Construction Labor
Accommodation
Bader Contracting & Trading
Residential Building
National Industrial
Contracting Company Office
Building
Ghantoot-GCT 4CS & 5CS

M&A Homes Group Ltd
(The Myrida) -Saskatoon

Service Zone for Citizens Of
Asian Winter Games

Bab AL Qasr Hotel
Saadiyat Beach
Apartments

Sands Macau
Wynn Macau
Galaxy Macau
MGM Macau

GTC JW Hotel

Guam Mayflower High School
Outpatient Specialty Clinic At
Guam Medical Plaza Building
Dusit Thani Hotel

Zahrn Business
Center

Fire Service
Directorate
Building of
Mishref

Ancop Chamkani, Kabul
Khawja Jeer&Adraskan

Panama hospital