WORLDWIDE SALES NETWORK



GH Hollow Metal Doors & Frames

www.ghdwi.ca

Dalian Golden House Door & Window Manufacture Co.,Ltd.

Address: Room301, No. 2-121, Shengli Road, Dalian City China.

Tel: 0086-411-84313423

Fax: 0086-411-84359567

E-mail: sales@ghdwi.com

GH Hollow Metal Doors & Frames Industries Corp Canada Branch

Address: #1185 1579 Kingsway Ave Port Coquitlam, BC. V3C 1S2

Tel: 604-475-6679

Fax: 604-475-6678

E-mail: orderdoor@ghdwi.com

GH Hollow Metal Doors & Frames Industries Corp.

Address: 14300 Alondra Blvd. La Mirada, CA. 90638 Los Angeles,USA

Tel: 714-5628808

Fax: 714-5628898

E-mail: sales@ghdwi.com

GH Hollow Metal Doors & Frames Industries Corporation Montreal Branch

Address: Apartment 3302, 1288 Rue Saint-Antoine Ouest, Montreal, QC H3C0X6

Tel: (514)661-5789

E-mail: Saml@ghdwi.ca

GH Hollow Metal Doors & Frames

GH HOLLOW METAL DOORS & FRAMES



INNOVATING SUSTAINABLY, SAFEGUARDING LIVES, SECURING PROPERTY.

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

1.2M 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 10C,UL 10B testing standards.

ANNUAL OUTPUT

1M+ /YEAR

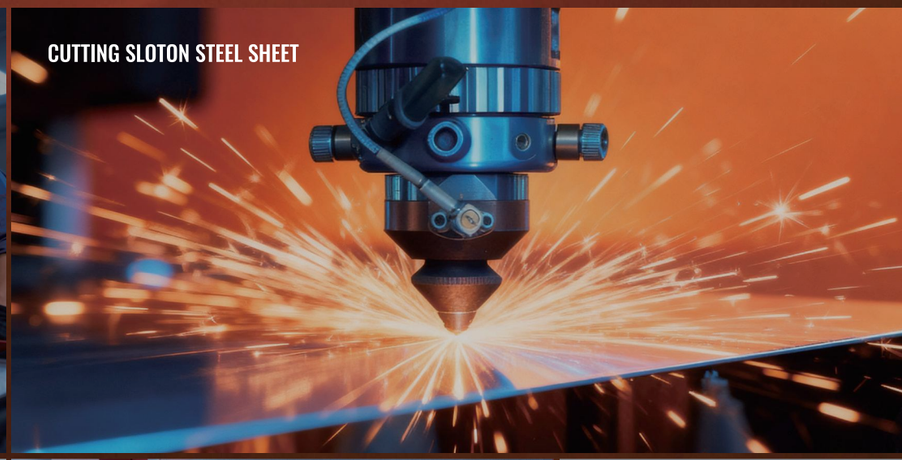
GH products constantly strive to meet the demands of the doors by providing premium products to the customers. The GH commitment is to provide superior quality and efficient service, at competitive pricing to our valued customers.

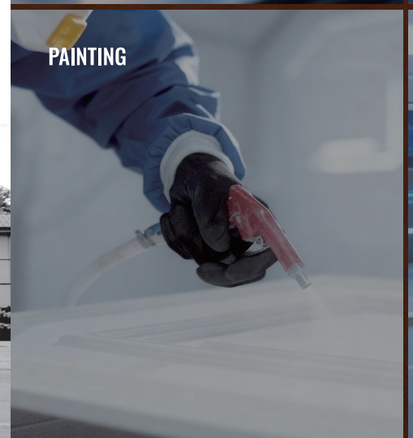


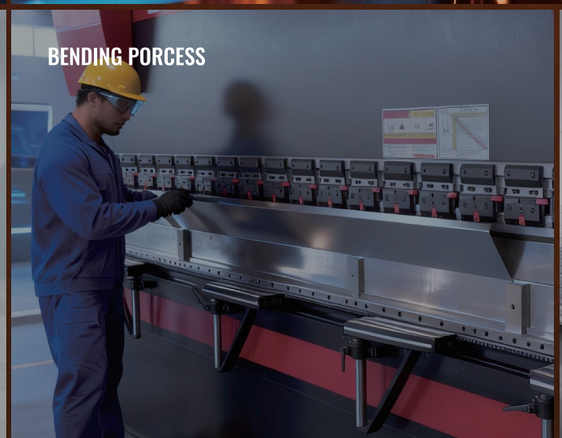
DALIAN FACTORY











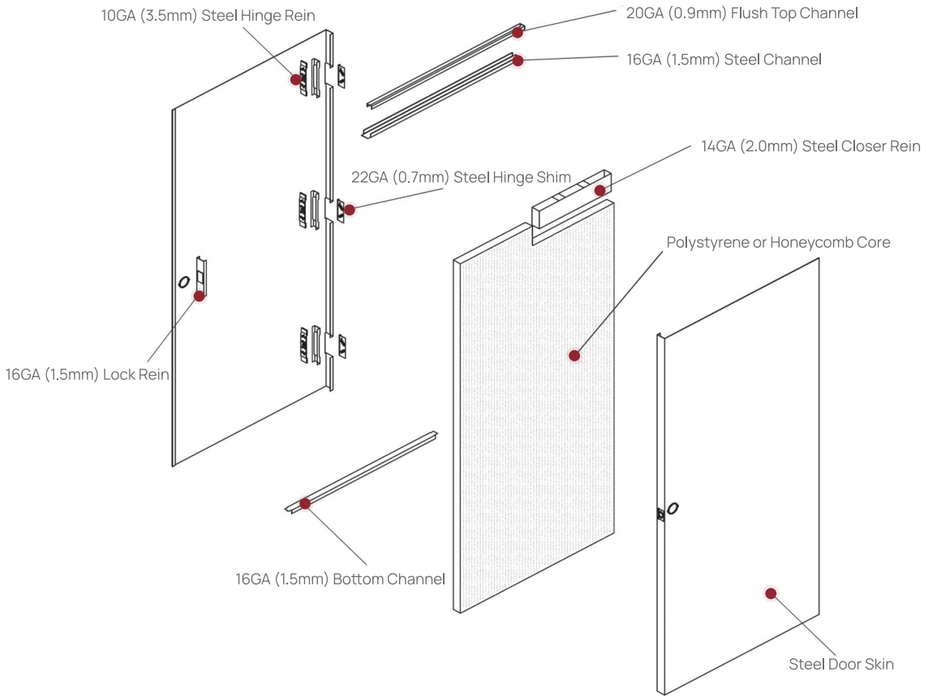


FLUSH STEEL COMMERCIAL DOORS

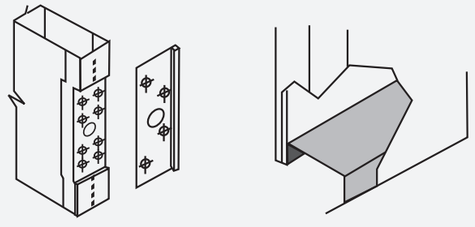
STEEL DOOR SKIN

16GA (1.5mm), 18GA (1.1mm), 20GA (0.9mm)
A40 Galvanized, 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.



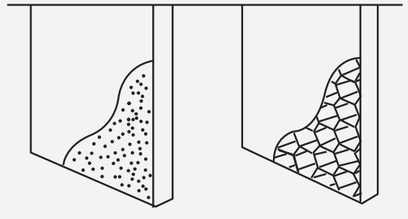
HINGE SHIM



10GA(3.5mm).Steel Hinge Rein.
4-1/2" Hinge

16GA(1.5mm)
bottom channel

CORE SERIES

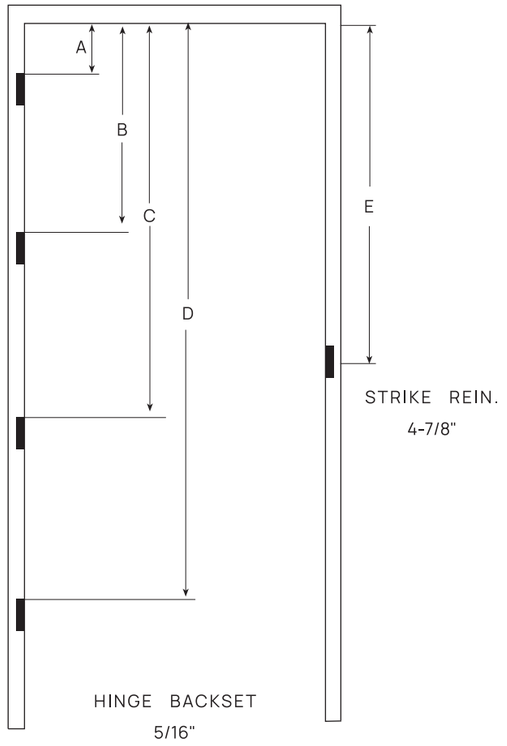


Polystyrene Core

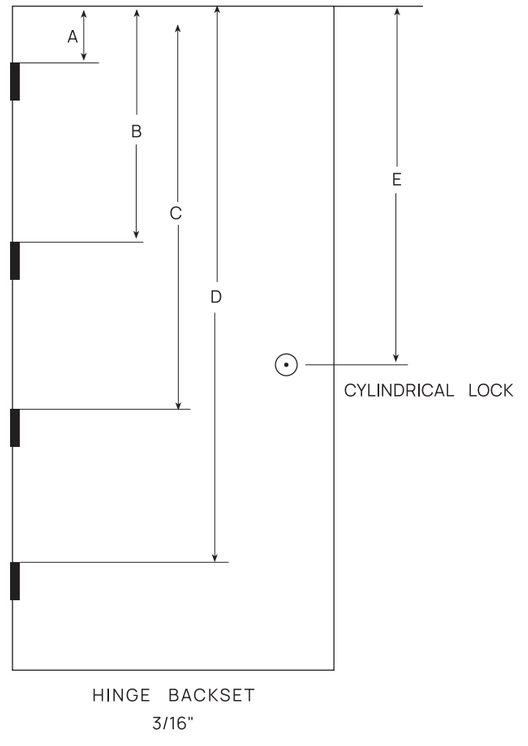
Honeycomb Core

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 galvanneal. 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 / 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 metal 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 galvanneal. 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 / 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 galvanneal. 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 / 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 sizes 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 galvanneal. 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 / 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 sizes 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



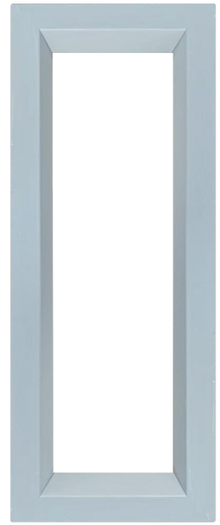
- A temperature rise metal door is a fire-rated door that limits the heat transfer through the door for a period of 30 minutes Temperature Rise Doors 250°.
- 18 Ga. or 16 Ga. Galvanized Steel.
- Seamless Filled Edges (Edge / Corner Seam Construction).
- Full Body Mineral fireboard Core.
- Non-Handed 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 galvanneal. 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

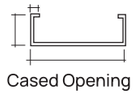


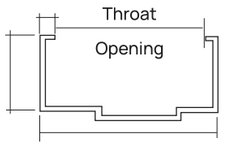
- 45-90 Minute Fire Rated Steel Frame Vision Lites.
- Glass Options:
  (WS) 1/4" Wired Glass, 20-90 minutes fire rating.
  (TEMP) 1/4" Tempered Glass, non fire rated.
- Standard Profile Beveled Vision Lite for Fire Rated Doors.
- Frame has single sided fasteners.
- 18 Gauge Cold Rolled /galvanized Steel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

SPECIFICATION

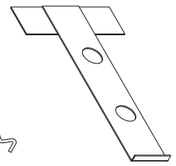
Parameter name	Basic parameters
Brand	GH
Finishes	Powder coating or finished
Order Size	5" x 35", 6" x 27", 7" x 22", 8" x 30", 8" x 36", 12" x 12", 18" x 24", 18" x 32", 24" x 24", 24" x 30", 24" x 36", 24" x 60", 24" x 64"
Glass Type	Wire Fire-Rated Glass
Glass Thickness	1/4"—6.8mm
Fire-Rating	90 Minutes – 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

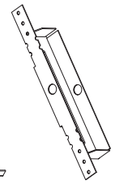
MASONRY/STUD CONSTRUCTION FRAME



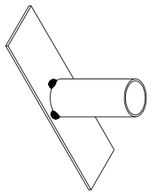



Wire Anchor


T Anchor

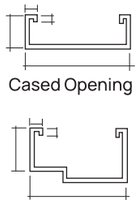

Universal Anchor

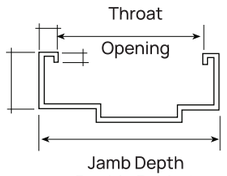

Dybolt Anchor

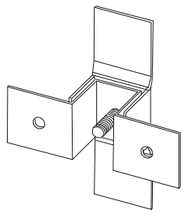

Tube Anchor

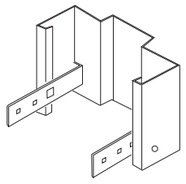
Jamb Depth	4-3/4"	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	8-3/4"	9-1/4"	10-1/4"
Throat Opening	3-3/4"	4-7/8"	5-1/4"	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	9-1/4"

DRYWALL FRAME



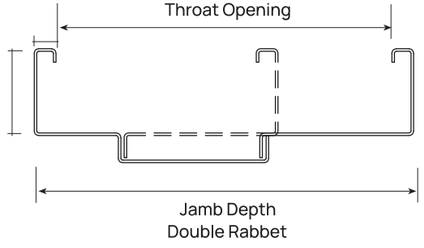



Compression Anchor


Snap in Sill Anchor

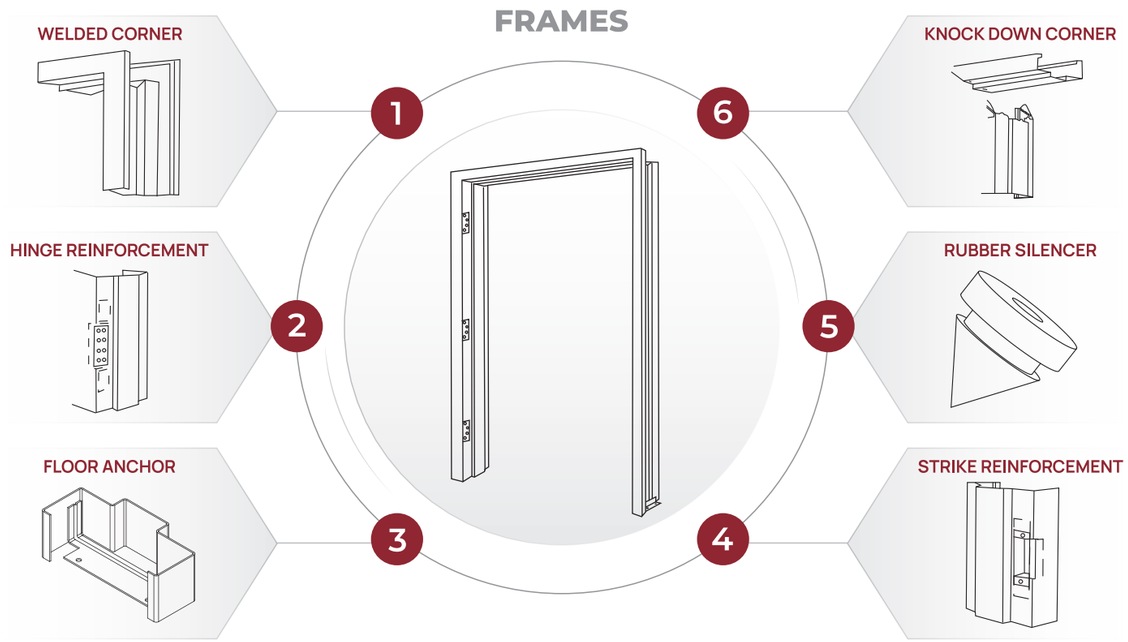
Jamb Depth	4-3/4"	5-7/8"	6-1/4"	6-5/8"	7-1/4"	7-3/4"	8-1/4"
Throat Opening	3-3/4"	4-7/8"	5-1/4"	5-5/8"	6-1/4"	6-3/4"	7-1/4"

ADJUSTABLE FRAME



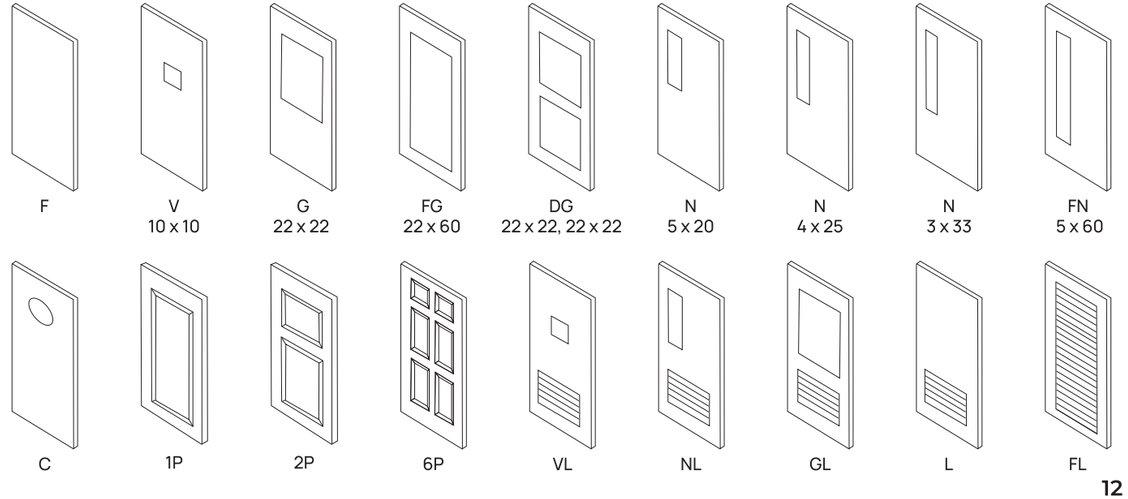
Jamb Depth	5-1/2"- 8-3/4"	6-1/2"- 10-3/4"	7-1/2"- 12-3/4"	8-1/4"- 14-1/4"
Throat Opening	4-1/2"- 7-3/4"	5-1/2"- 9-3/4"	6-1/2"- 11-3/4"	7-1/4"- 13-1/4"

WELDED OR KNOCK DOWN STEEL FRAMES



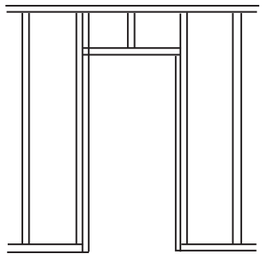
16GA (1.5mm) (cold-rolled or galv.) 3 HR WH or FM label	Unequal Double Rabbet Single Rabbet Cased Opening Knock down or Welded 10GA (3.5mm) hinge rein.	To be installed before wall finish: Jamb Depth 4-3/4"~10-1/4" To be installed after wall finish: Jamb Depth 4-3/4"~8-1/4"	Anchors for masonry, wood,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

DOOR TYPES

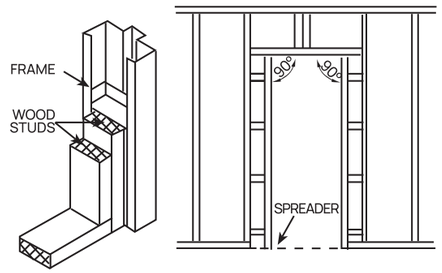


MASONRY/STUD CONSTRUCTION FRAME INSTALLATION

WOOD STUD CONSTRUCTION



ROUGH STUD OPENING



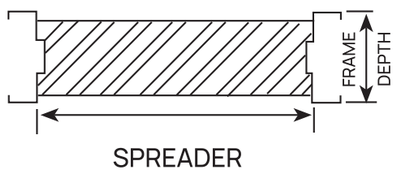
ROUGH STUD OPENING

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.)

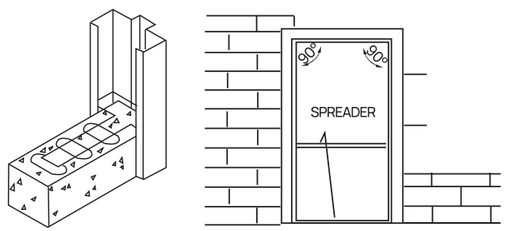
Height=Nom. frame height + 2-1/4" min. (i.e. 6'8"=82-1/4" min.)

(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



SPREADER



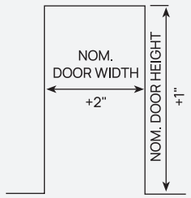
Typical wood spreader must be square and fabricated from lumber no less than 1" thick. Correct length is the door opening width between the jambs at the header. Cut clearance notches for frame stops. Spreader must be nearly as wide frame depth for proper installation.

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 progesses.

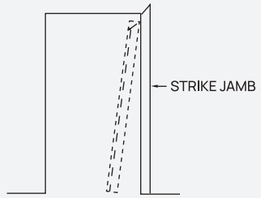
DRYWALL FRAME INSTALLATION

1



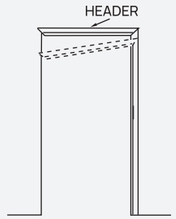
Prepare rough opening Door nominal width+2" Door nominal height+1" (i.e.,3070=38" width, 85" height.)

2



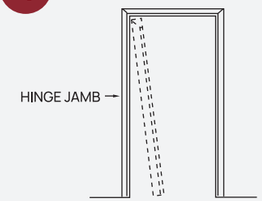
Install strike jamb by sliding over wall at top and engaging corner reinforcing into header. Pivot jamb into place.

3



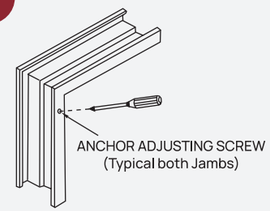
Install header into position approximately 1" from top and in the center of rough opening.

4



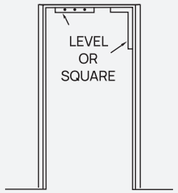
Repeat Step #2 with hinge jamb.

5



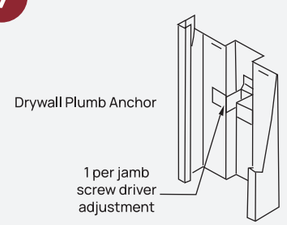
Tum adjusting screws in both jambs clockwise until anchor is resting against the wall.

6



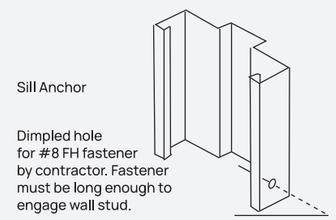
If feasible, hang door now and adjust frame on wall to allow proper door/frame clearance or plumb frame with carpenter square and/or level. (adjust header levelness by shiming under jambs.)

7



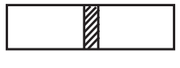
1 per jamb screw driver adjustment

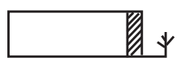
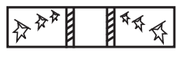
8



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 exceed100 square inches per individual door leaf except as noted below.		100 Sq. In. per door Lear
	**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 exceeding1296 square inches per light with no dimension exceeding 54 inches.		1296 Sq. In.per Light
	**20** MINUTE	20 minute fire rated door frame assmblies 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

Innovating sustainably, safeguarding lives,securing property.



Doors & Frames

DOOR

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.

FRAME

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

STRUCTURE AND FEATURE

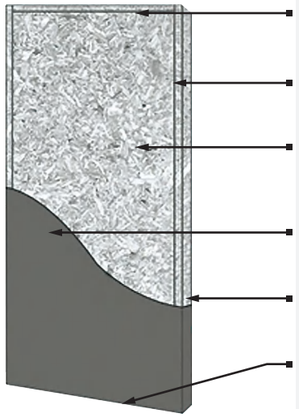
FEATURE

- 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.



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 materal.

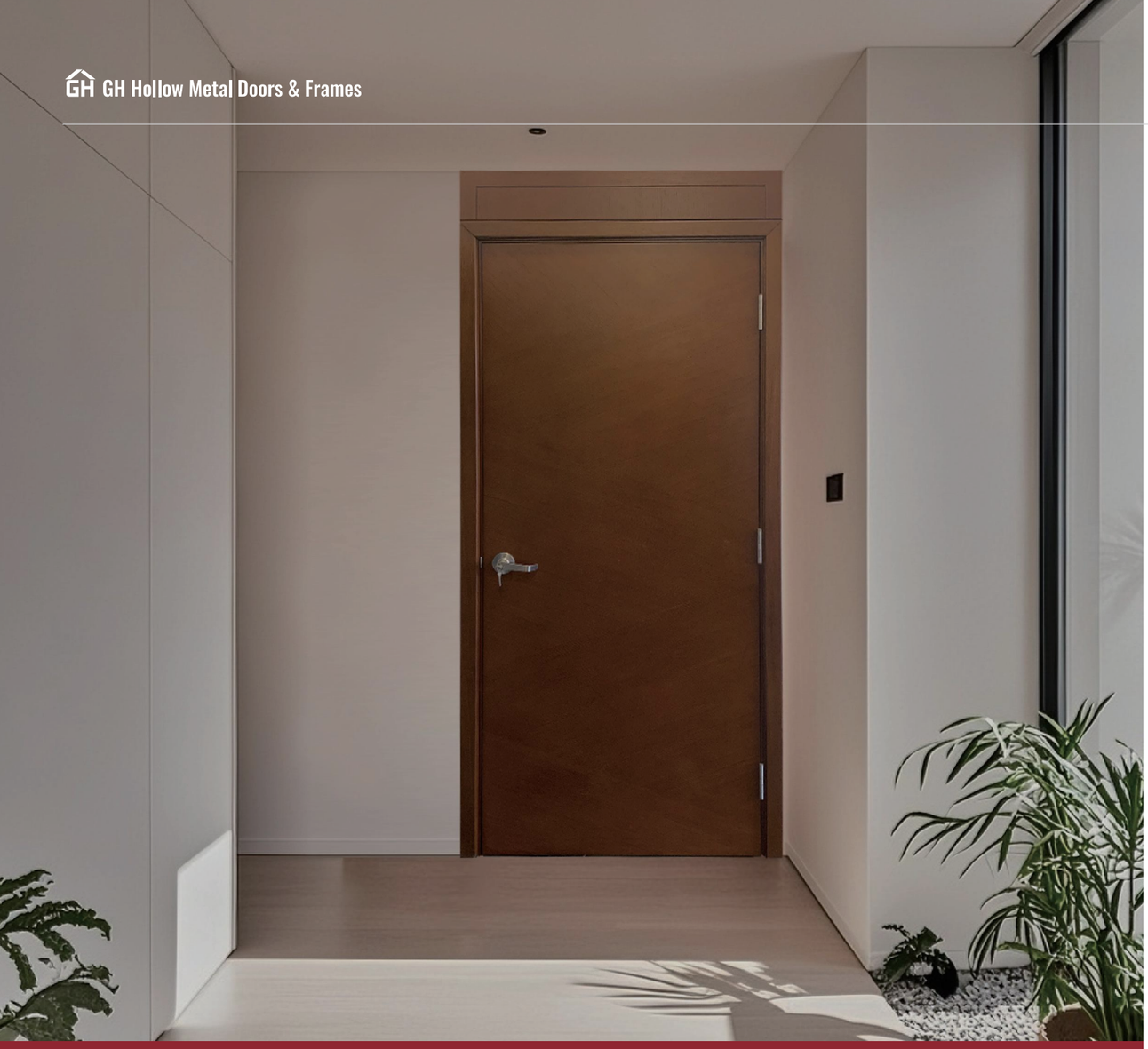
LAMINATE FACES:
Horizontal grade-standard (HGS)

FINISHED THICKNESS:
1-3/4"(±1/16")

BOTTOM RALL:
1-3/8" Structural Composite Lumber (SCL) FSC certified.

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"(1220mm) Widths, 8'0" (2440mm) 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



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.

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 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 minute longer.



SPECIFICATION

Parameter name	Basic parameters
Surface Material	HDF /MDF or A Grade Wood Veneer Painting, Rotary and Plain Sliced, or Wilsonart HPL Laminated
Core	Fire resistant composite mineral fireboard core
Door Thickness	1-3/4"=44.5mm
Sizes	Up to 4'0"(1220mm) Widths, 8'0" (2440mm) 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

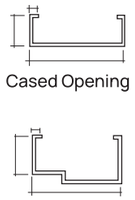
HOLLOW METAL FRAME & SOLID WOODEN FRAME

HOLLOW METAL FRAME

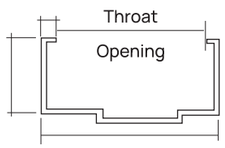
Frames are manufactured to accommodate any wall condition, including masonry frame and drywall frame type. A wide variety of frame anchors are available. Width up to and including 4'0'', height up to and including 8'0''.

- Avaliable in knock down frame and welded frame.
- Material have cold rolled sheet.
- Steel thickness have 16Ga, 14Ga.
- Fire rating from 45mins to 180mins.
- Surface painting can match with wooden door color.

MASONRY/STUD CONSTRUCTION FRAME

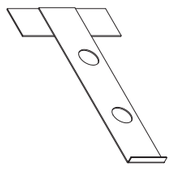

Cased Opening

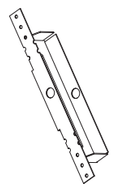
Single Rabbet

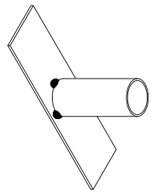


Jamb Depth
Double Rabbet


Wire Anchor

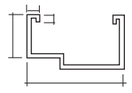

T Anchor

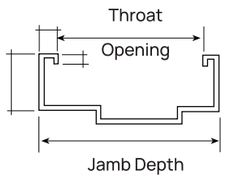

Universal Anchor


Tube Anchor

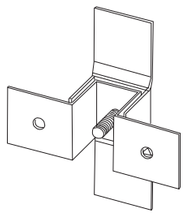
DRYWALL FRAME

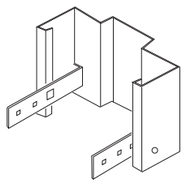

Cased Opening


Single Rabbet



Jamb Depth
Double Rabbet

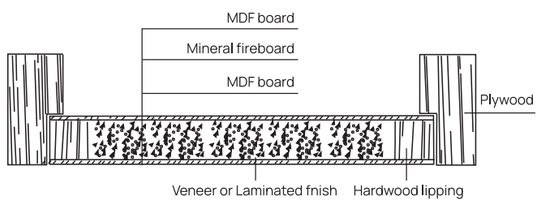

Compression Anchor


Snap in Sill Anchor

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


FD-01


FD-02


FD-03


FD-04


FD-05


FD-06

SHAKER DOOR


SD-02


SD-03


SD-04


SD-05


SD-06


SD-07

OTHER SPECIAL STYLE DOOR


pocket door


barn door


barn door


barn door


louver door


louver door


Tubular chipboard


Solid wood core


Solid chipboard core


Honeycomb paper

AVAILABLE FINISHING

LAMINATED HPL OR MELAMINE PAPER


T5288
Taka Acacia


T5291
Noella Acacia


5904A
Natural Cherry


7759A
Royal Cherry


7182NT
Dune Wood


7008NT
Swietenia Mahogani


7188NT
Lincoln Walnut


T1246
Costa Nogal


T1245
Gomera Nogal


T91257CK
Cardoba Walnut


T5242
Pure Walnut


T5243
Classic Walnut


T4244
Canyon Avant Oak


T4241
Mafil Avant Oak

WOOD VENEER PAINTING


001
ashtree


002
zebrano


003
oak


004
washed oak

005
walnut

006
walnut straight line

007
white oak

008
white oak
straight line

009
ebony

010
burmese teak

011
zebrano

012
cherry straight line

013
cherry

014
walnut

PRIMED WHITE/ CUSTOMIZED PAINTING

RAL3020

RAL9016

RAL5002

RAL6029

RAL1000

RAL7015

C949HG
Designer White

8804-60

8903-60
Zinnia

8903-60
Zinnia

8927HG
Down

8485HG
Chrome Yellow

SS0719
Light Beige

SS0725
Down

ACCESSORIES

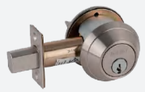

Handle 002


Handle 003


Handle 004


Mortise Lock


Electronic Lock


Dead Lock


Cylinder Lock


Door Sweep

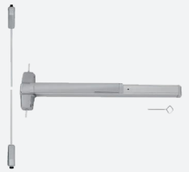

smoke seal


Autom Bottom Seal



Push And Pull Plate


Press Bar


Panic Bar

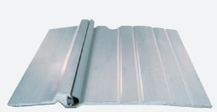

Ball-bearing Hinge


Spring Hinge

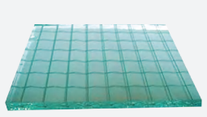

Mounted Closer


Concealed Closer


Kick Plate

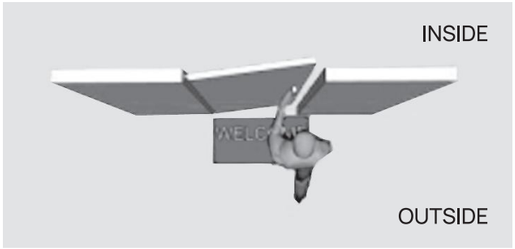

Threshold


Viewer

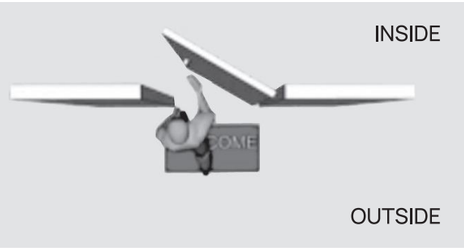

Wire Glass

DOOR AND FRAME HANDING CHART

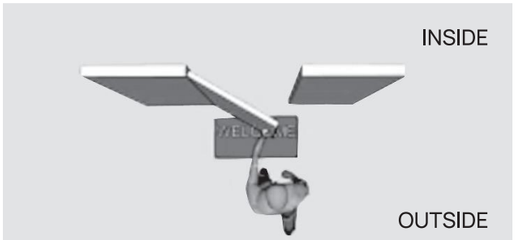
Left Hand(LH)



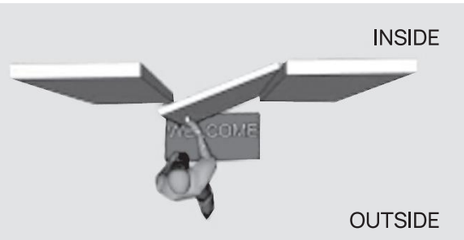
Right Hand(RH)



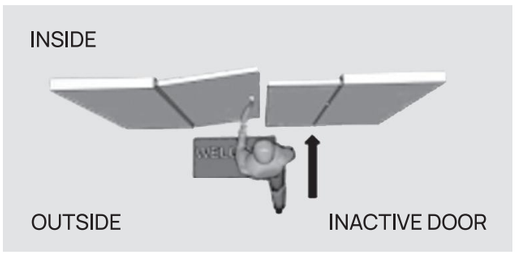
Left Hand Reverse(LHR)



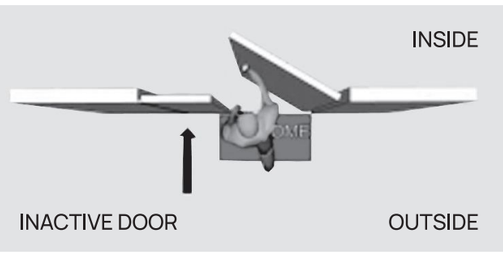
Right Hand Reverse(RHR)



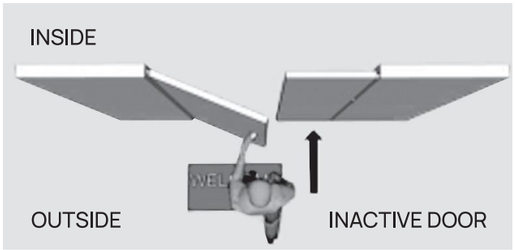
Left Hand Active(LHA)



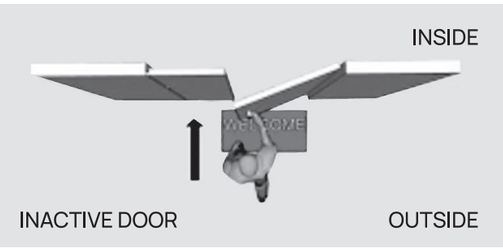
Right Hand Active(RHA)



Left Hand Reverse Active(LHRA)

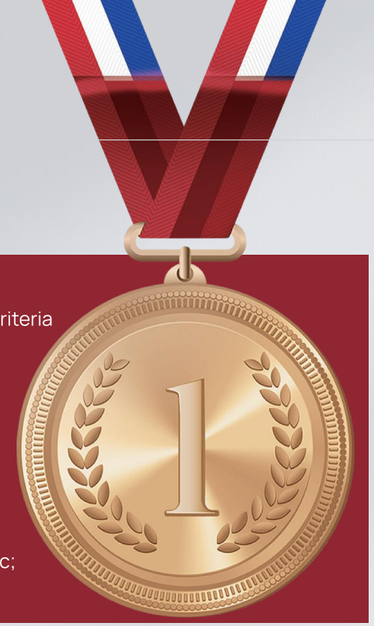


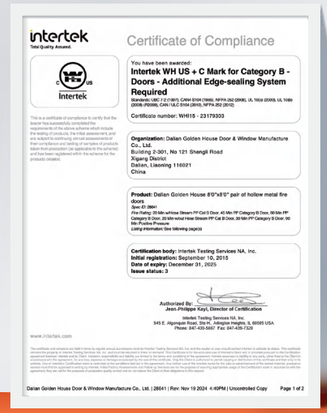
Right Hand Reverse Active(RHRA)

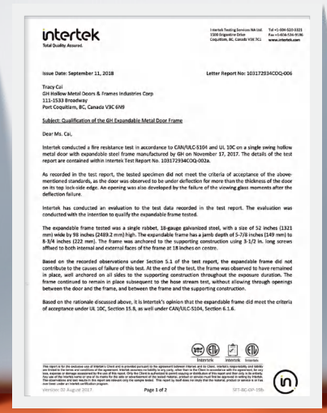


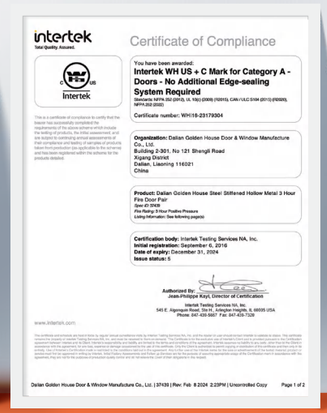
CERTIFICATIONS

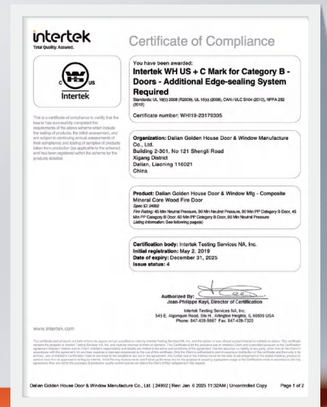
- Intertek WH Listed 20 Mins - 3 Hours Approval For Steel Doors & Frames
- Intertek WH Listed 60 Mins, Met 250°F (139°C) Unexposed Temperature Rise Criteria
- Intertek WH Listed 90 Mins Approval For Steel Expandable Frames
- Intertek WH Listed Steel Door Sound Proof Ratings Up To STC 34DB
- UL Listed 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.





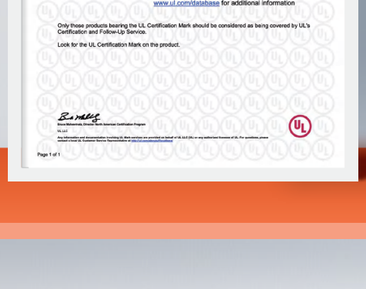


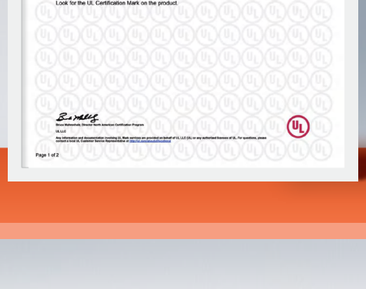


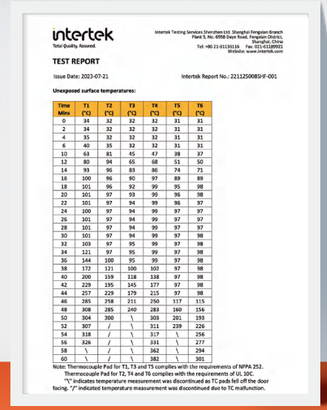


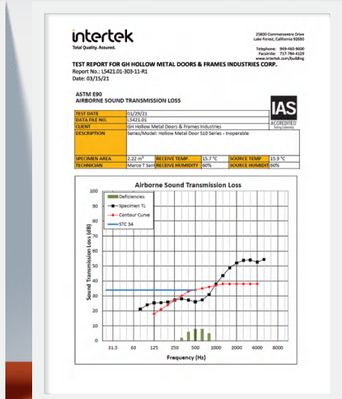








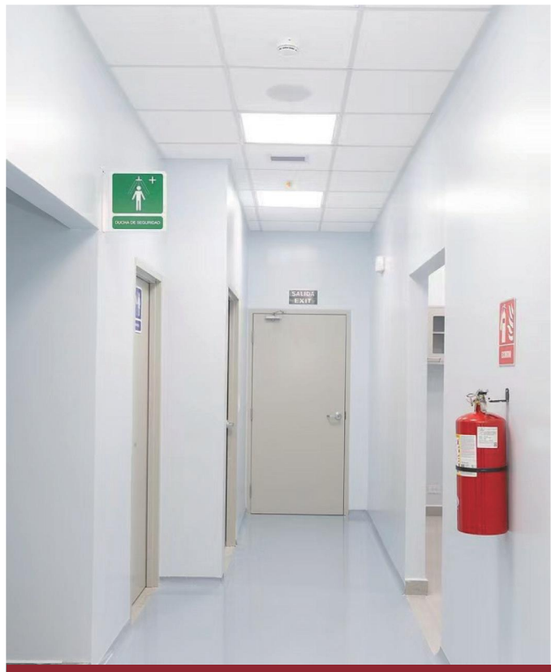






PROJECT CASES

METAL FIRE RATED DOOR



Apartment



Public area



Emergency exit



Commerical entry



Hospital

WOODEN FIRE RATED DOOR

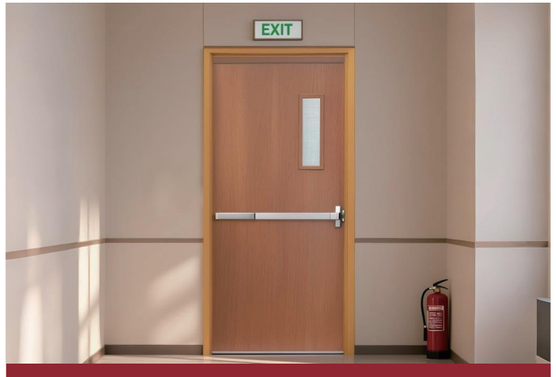
WOODEN FIRE RATED DOOR



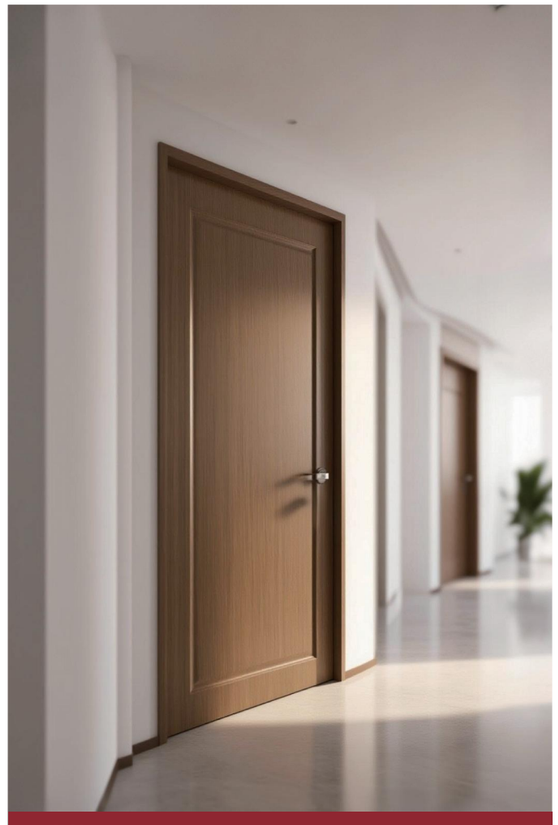
Lobby



Hotel



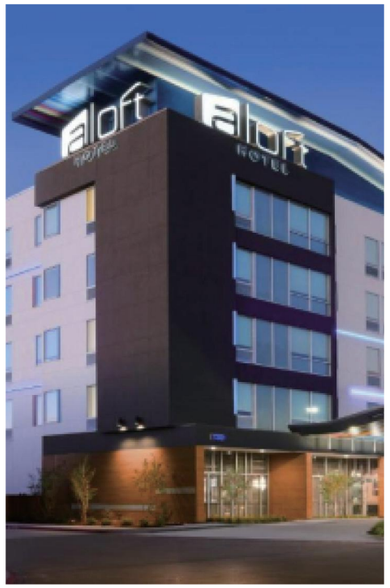
Emergency exit



Office

OUR CUSTOMER



























U.A.E.

- Bab AL Qasr Hotel
- Saadiyat Beach Apartments

USA

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

MACAU

- Sands Macau
- Wynn Macau
- Galaxy Macau
- MGM Macau

KENYA

- GTC JW Hotel

QATAR

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

GUAM

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

KSA

- Zahran Business Center

CANADA

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

KUWAIT

- Fire Service Directorate Building of Mishref

AFGANISTAN

- Ancop Chamkani, Kabul Khwaja Jeer&Adraskan

ASTANA KAZAKHSTAN

- Service Zone for Citizens Of Asian Winter Games

PANAMA

- Panama hospital