



MT FIRE DOORS

**FIRE
DOORS**

MANUFACTURER



**1st ISO 9001:2015
Certified Fire Doors
Manufacturer
(India's Central Region)**

ABOUT US

MT FIRE DOORS is a leading manufacturer of high-performance fire-rated and industrial doors, committed to delivering reliable safety solutions for commercial, industrial, and residential environments. Since 2015, we have been at the forefront of innovation, combining advanced technology with precision engineering to produce doors that meet the highest global standards.

With a strong focus on quality, durability, and functionality, we offer a wide range of customized doors, including fire-rated doors, steel doors, cleanroom doors, and industrial doors, designed to meet specific safety and design requirements. Every product is crafted using advanced machinery and undergoes strict quality checks to ensure consistent performance and compliance with national and international standards. Over the years, we've delivered over 15,000 doors across diverse sectors such as real estate, healthcare, education, hospitality, and infrastructure. Our products are trusted by architects, contractors, and consultants for their robust construction, aesthetic appeal, and long-term reliability.

OUR VISION

Our vision is to enrich everyday living and working spaces through advanced products and services that elevate experiences in residential, commercial, and industrial sectors.

OUR MISSION

We are committed to building enduring customer relationships through timely delivery and unwavering quality standards.

OUR PRODUCT RANGE

- Fire Rated Doors Construction Details
- Commercial Doors Details
- General Doors Details
- Residential Doors Secure
- Heavy Duty Industrial Doors (Swing Doors, Auto/manual Doors)
- Fire-Rated Shafts & Non-Fire-Rated Shafts
- FHC Shafts Doors (Fire House Cabinet)
- Residential/ Louvered Doors (Toilet Doors)

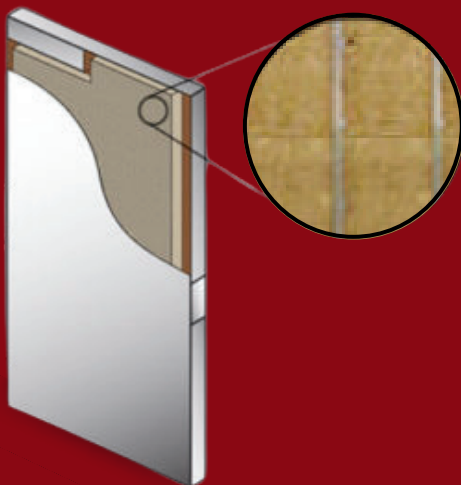
1. Fire Rated Hinged Doors (Metallic) Insulated Fire Doors.

- Fire rated insulated door with Panic device
- Fire rated insulated door with mortise sash lock
- Fire rated doors as per IS 3614:2021 standards
- Tested as per IS 17518-1: 2022/
- ISO 3008-1: 2019

Fire Doors Specifications

Doors Frame - 1.6 mm Gi Sheet
Doors Late - 1.2 mm Gi Sheet
Doors Thickness - 50mm
Vision Panel - Fire Rated Glass
Frame Size - 100x57mm
Vision Panel (WXH)- 200X300 mm

Doors Infill:



Mineral wool
(96kg/m³)

Industry where fire rated doors is used:

- Commercial Buildings
- Hospitals
- Institutional Buildings
- Airports
- Metro Stations

Fire Rated Doors

Welcome to MT FIRE DOORS

MT FIRE DOORS Fireproof Doors are designed to safeguard lives during fire-related emergencies, offering fire resistance levels ranging from 30 minutes to 2 hours- providing critical time for a safe evacuation.

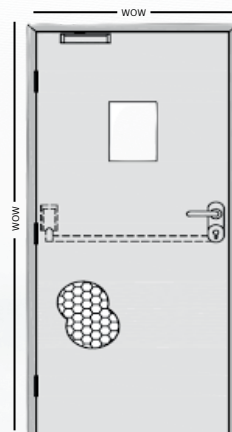
These fire doors sets are available in multiple configurations, including:

- Glazed options
- Fire-resistant, self-closing louvers
- Single and double-leaf emergency exit doors

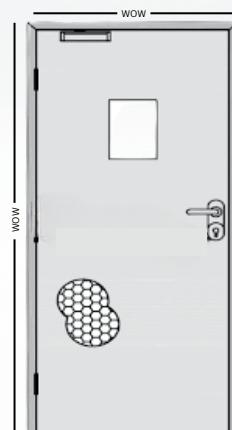
Fire-Rated Doors Construction Details

Conforming to IS: 3614 Part II and BS: 476 Part 22

MT FIRE DOOR fire-rated doors are built in strict compliance with IS: 3614 Part II and BS: 476 Part 22 standards. Each fire-resistant door assembly, including the frame and hardware, is engineered to provide a specified level of fire protection.



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing buff hinge of size 4"x3"x 3 myn with screws Máxl áttíotí, Material: 55304, Finish: Satin.
2.	Single/ Double Point Panic Exit Device.
3.	External Trim Bor.
4.	Door Closing Device.
5.	Clear fire lated glass, 6mm(200X300mm) for 120 min.
6.	Fire rated Smoke seal.
7.	Anchore Fastner: 10X100 mm



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing buff hinge of size 4"x3"x 3 myn with screws Máxl áttíotí, Material: 55304, Finish: Satin.
2.	Door Closing Device.
3.	Mortise Sash Lock with Lever Handle.
4.	Clear fire rated glass, 6mm(200 * 300mm for 120 min.
5.	Fire rated Smoke seal
6.	Fire rated Smoke seal

2. Fire Rated Hinged Doors (Metallic)

- (a) Fire rated uninsulated door with Panic device
- (b) Fire rated uninsulated door with mortise sash lock
- (c) Fire rated uninsulated door with mortise dead lock

Fire Doors Specifications

Door Frame	- 1.6 mm Gi Sheet
Doors Late	- 1.2 mm Gi Sheet
Doors Thickness	- 46mm
Vision Panel	- Fire Rated Glass
Frame Size	- 100 x 57mm.

Vision Panel (WXH)- 105 x 57mm (Single Rebate)
Materials - Galvanized Steel (IS 277)
Vision Panel (WXH)- 200X300 mm

Doors Accessories

Emergency Ext- Panic bar

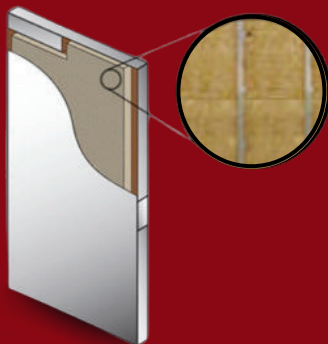
Standard- Mortise Dead Lock

Hinges- SS but hinges

Door Closer- heavy Duty Fire Rated

Finish- Powder Coated

Door Infill:



Honeycomb

Industry where fire rated door is used:

- Commercial Buildings
- Hospitals
- Institutional Buildings
- Airports
- Metro Stations

Fire Rated Doors

Welcome to MT FIRE DOORS

MT FIRE DOORS Fireproof Doors are designed to safeguard lives during fire-related emergencies, offering fire resistance levels ranging from 30 minutes to 2 hours- providing critical time for a safe evacuation.

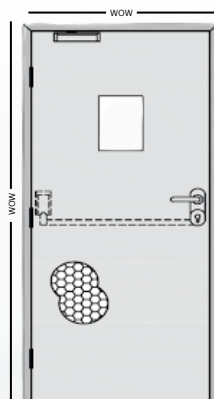
These fire door sets are available in multiple configurations, including:

- Glazed options
- Fire-resistant, self-closing louvers
- Single and double-leaf emergency exit doors

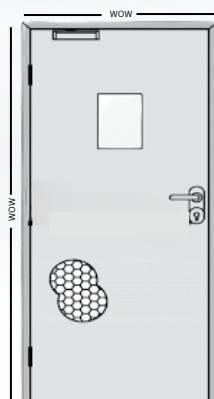
Fire-Rated Doors Construction Details

Conforming to IS: 3614 Part II and BS: 476 Part 22

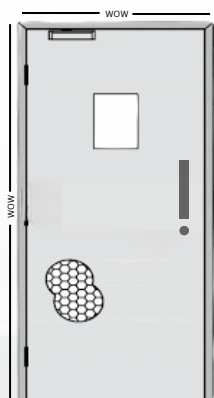
MT FIRE DOOR's fire-rated doors are built in strict compliance with IS: 3614 Part II and BS: 476 Part 22 standards. Each fire-resistant door assembly, including the frame and hardware, is engineered to provide a specified level of fire protection.



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing buff hinge of size 4"x3"x 3 myn with screws Máxl ómórn, Material: 55304, Finish: Satin.
2.	Single/ Double Point Panic Exit Device.
3.	External Trim Bor.
4.	Door Closing Device.
5.	Clear fire lated glass, 6mm(200X300mm) for 120 min.
6.	Fire rated Smoke seal.
7.	Anchore Fastner: 10X100 mm



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing buff hinge of size 4"x3"x 3 myn with screws Máxl ómórn, Material: 55304, Finish: Satin.
2.	Door Closing Device.
3.	Mortise Sash Lock with Lever Handle.
4.	Clear fire rated glass, 6mm(200 * 300mm for 120 min.
5.	Fire rated Smoke seal
6.	Fire rated Smoke seal



Sr.No.	Supporting Hardware's Details
1.	Ball bearing butt hinge, SS304, of size 100 x 75 x 3 mm with screws in SSS.
2.	Door Closing Device.
3.	Mortise Dead Lock, 70 mm cylinder
4.	Clear fire rated glass, 6mm(200x300mm). for 120 min
5.	D-Handle, SS304, 19X250mm
6.	Fire rated Smoke seal

3. HMPS Doors

- Multipurpose Doors with more sash lock
- Multipurpose Doors with mortise dead lock

Fire Doors Specifications

Emergency Exit- Panic bar

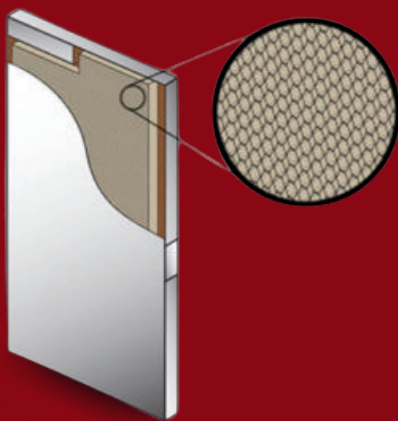
Standard- Mortise Dead Lock

Hinges- SS butt hinges

Door Closer- heavy Duty Fire Rated

Finish- Powder Coated

Doors Infill:



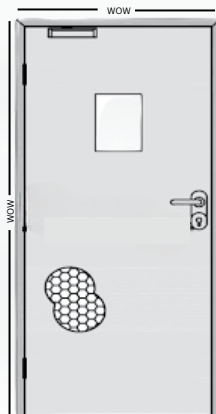
Honeycomb

Industry where fire rated doors used:

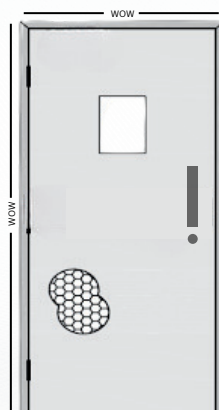
- Corridors
- Commercial buildings
- Public Buildings
- Airports / Metro Stations
- Hospitals
- Industrial
- Institute



Introducing "Multipurpose/ HMPS Doors Comply with BIS (Bureau of Indian Standards) Standard IS 4351 & IS 16074 and the National Building Code of India 2016, Part 4. These doors come into Non-Fire Doors category, available with two options: mortise sash lock and mortise dead lock. Constructed with pressed galvanized steel meet-ing 15 277 standards, sandwiched with resin bonded Honeycomb for stability and integrity with shutter thickness of 46 mm. Steel reinforcement are provide for structural stability and integrity.



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" prime prime *3" prime prime * 3mm with screws M 6 * 16mm Material:- SS304, Finish:- Satin.
2.	Door Closing Device.
3.	Mortise Sash Lock with Lever Handle.
4.	Toughened glass, 5mm thick.
5.	Fire rated Smoke seal.
6.	Anchor Fastener, 8X80mm.
7.	Concealed Tower Bolt (For Double Leaf only).



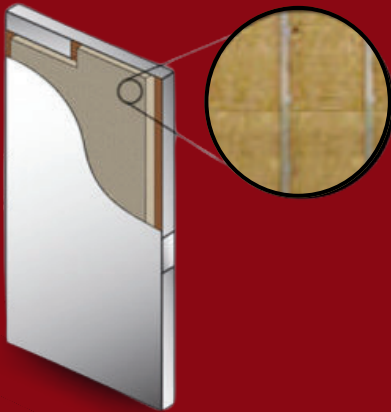
Sr.No.	Supporting Hardware's Details
1.	Ball bearing butt hinge, SS304, of size 100 x 75 x 3 mm with screws in SSS.
2.	Door Closing Device.
3.	Mortise Dead Lock, 70 mm cylinder
4.	Clear fire rated glass, 6mm(200*300mm). for 120 min
5.	D-Handle, SS304, 19X250mm
6.	Fire rated Smoke seal
7.	Fire rated Smoke seal

4. ACOUSTIC DOORS - SOUND PROOF DOOR (39 DB) AS PER IS:4351 & IS:16074 STANDARDS

Fire Doors Specifications

Doors Frame	- 1.6mm
Doors Shutter	- 1.2mm
Thickness	- 46mm
Vision Panel	- No Vision Glass
Frame Size	- 100 x 57mm
Materials	- Galvanized Steel

Doors Infill:



Mineral wool
(96kg/m³)



- Single Leaf Doors - 1200 x 2100 mm
- Double Leaf Doors - 1500 x 2400 mm

Industry where fire rated doors is used:

- Commercial Buildings
- Institutions
- Public Buildings
- Airport / Metro
- Hospitals

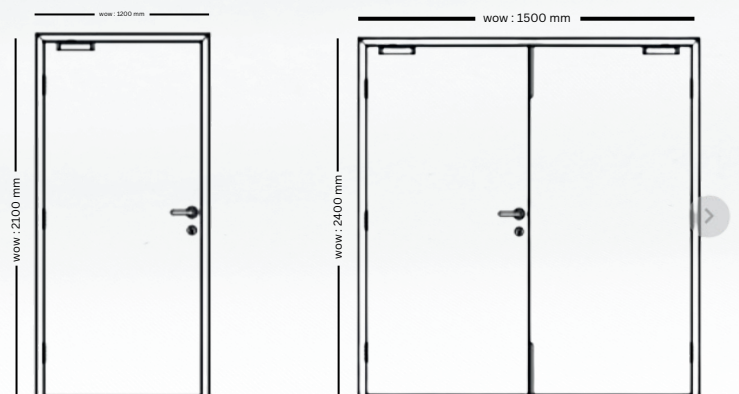
Added Standard Wall Opening Sizes (WOW X WOH)

1200X2100 mm (Single Leaf)
1500X2400 mm (Double Leaf)



Introducing "Acoustic Doors/ Sound Proof Doors" having 39 dB capacity Comply with BIS (Bureau of Indian Standards) Standard IS 4351 & IS 16074 and the National Building Code of India 2016, Part 4. These doors come into heavy Non- Fire Doors category, available with two options:- mortise sash lock with lever handle and mortise dead lock with D-handle. Constructed with pressed galvanized steel meeting IS 277 standards, sandwiched with resin bonded Honey-comb for stability and integrity with shutter thickness of 46 mm. Steel reinforcement are provide for structural stability and integrity.

REINFORCEMENT ARE PROVIDE FOR STRUCTURAL STABILITY AND INTEGRITY.



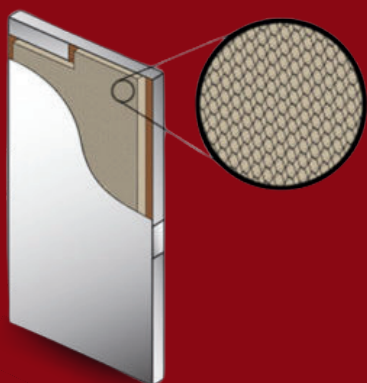
Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" x3"x 3 mm with screws M 6x16mm. Material:- SS304, Finish:- Satin.
2.	Door Closing Device.
3.	Mortise Sash Lock with Lever Handle.
4.	Perimeter seal/ Smoke Seal.
5.	Anchor Fastener, 8X80 mm.
6.	Automatic Drop Down Seal.
7.	Concealed Tower Bolt (For Double Leaf only).

5.CLEAN ROOM DOORS (GI/SS) -PHARMA/SCIENTIFIC/ FOOD INDUSTRIES DOORS AS PER IS:4351 & IS:16074 STANDARDS

Fire Door Specifications

Door Frame	: 1.2mm
Door Shutter	: 0.8mm
Thickness	: 46mm
Vision Panel	: DGU
Frame Size	: 100 x 57 mm 150 x 57mm
Materials	: Galvanized Steel Stainless Steel
Finish	: Powder Coated

Doors Infill:



Honeycomb / Puff

Industry where Clean Room doors used:

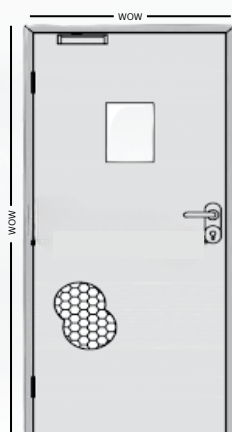
- Pharma Industry
- Hospitals
- Food Industry
- Testing Center and Lab Industry

Standard Wall Opening Sizes (WOW X WOH)

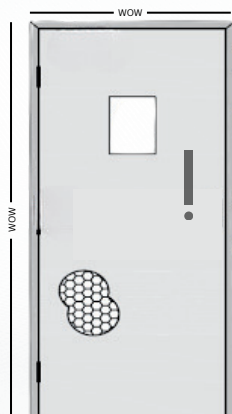
- 1200X2100 mm (Single Leaf)
- 1500X2400 mm (Double Leaf)



Introducing "Clean Room Doors" Comply with BIS (Bureau of Indian Standards) Standard IS 4351 & IS 16074 and the National Building Code of India 2016, Part 4. These doors come into Non-Fire Doors category, available with two options: mortise sash lock and mortise dead lock. Constructed with pressed galvanized steel meeting IS 277 standards, sandwiched with resin bonded Honeycomb or Puff for stability and integrity with shutter thickness of 46 mm. Steel reinforcement are provide for structural stability and integrity.



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" x3"x 3 mm with screws M 6x16mm, Material:- SS304, Finish:- Satin.
2.	Door Closing Device.
3.	Mortise Sash Lock with Lever Handle.
4.	Double Glazing Unit (DGU) Glass.
5.	Perimeter seal/ Smoke Seal.
6.	Anchor Fastener, 8X80 mm.
7.	Concealed Tower Bolt (For Double Leaf only).



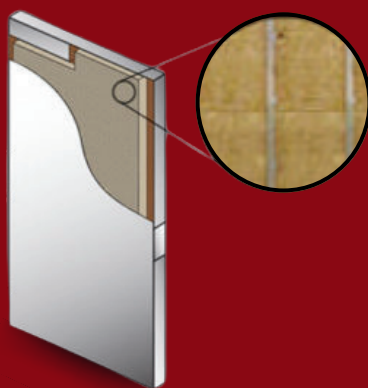
Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" x3"x 3 mm with screws M 6x16mm, Material:- SS304, Finish:- Satin.
2.	Door Closing Device.
3.	Mortise Dead Lock, 70 mm cylinder.
4.	Double Glazing Unit (DGU) Glass.
5.	D - Handle, SS304, 19X250mm.
6.	Perimeter seal/ Smoke Seal.
7.	Anchor Fastener, 8X80 mm
8.	Concealed Tower Bolt (For Double Leaf only).

6.LEAD LINE DOORS - X-RAY PROTECTIONS DOOR AS PER IS:4351 & IS:16074 STANDARDS 3009.

Fire Door Specifications

Door Frame	: 1.2mm
Door Shutter	: 0.8mm
Thickness	: 50mm
Vision Panel	: Double Glazed toughened glass
Frame Size	: 100 x 57mm
Materials	: Galvanized Steel
Finish	: Powder Coated
Lead Line Material	: 2.0mm

Door Infill:



Mineral wool
(96kg/m³)

- Single Leaf Door - 1200 x 2100 mm
- Double Leaf Door - 1500 x 2400 mm

Industry where Lead Line Doors used:

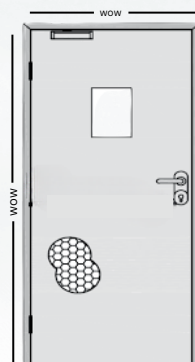
- X-Ray Protection
- Institutions
- Scientific Laboratory
- Hospitals

Added Standard Wall Opening Sizes (WOW X WOH)

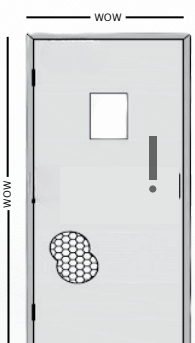
- 1200X2100 mm (Single Leaf)
- 1500X2400 mm (Double Leaf)



Introducing "Lead Line Doors/ X- Ray Protection Door" Comply with BIS (Bureau of Indian Standards) Standard IS 4351 & IS 16074 and the National Building Code of India 2016, Part 4. These doors come into Extra heavy duty Non- Fire Doors category, available with two options:- mortise sash lock with lever handle and mortise dead lock with D-handle. Constructed with pressed galvanized steel meeting IS 277 standards, sandwiched with v for stability and integrity with shutter thickness of 50 mm. Steel reinforcement are provide for structural stability and integrity., The internal construction of the door should be rigid with lead line of 2.0 mm thick all across the inside of the exposed surface.



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" prime prime *3" prime prime *3 mm with screws M 6x16mm, Material:- SS304, Finish:- Satin.
2.	Door Closing Device.
3.	Mortise Dead Lock, 70 mm cylinder.
4.	D-Handle, SS304, 19X250mm.
5.	Radiation shield clear glass with lead.
6.	Perimeter seal/ Smoke Seal.
7.	Automatic Drop Down Seal.
8.	Anchor Fastener, 8X80mm.
9.	Concealed Tower Bolt (For Double Leaf only)



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" prime prime *3" prime prime *3 mm with screws M 6x16mm, Material:- SS304, Finish:- Satin.
2.	Door Closing Device.
3.	Mortise Dead Lock, 70 mm cylinder.
4.	D-Handle, SS304, 19X250mm
5.	Radiation shield clear glass with lead.
6.	Perimeter seal/ Smoke Seal.
7.	Automatic Drop Down Seal.
8.	Anchor Fastener, 8X80 mm.
9.	Concealed Tower Bolt (For Double Leaf only).

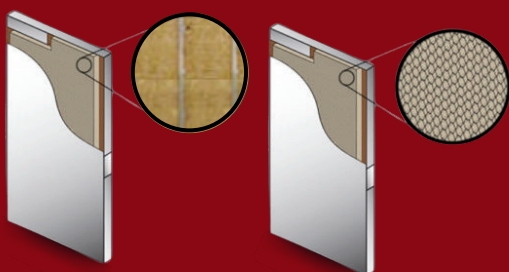
7. FIRE RATED SHAFT DOORS (46mm Thick)

As per IS: 3614: 2021

Fire Door Specifications

Door Frame	: 1.6mm
Door Shutter	: 1.2mm
Thickness	: 46mm
Vision Panel	: Fire Rated Glass
Frame Size	: 105 x 57mm
Materials	: Galvanized Steel
Standard	: Allen Key Lock
Handle	: Concealed handle
Finish	: Powder Coated

Door Infill:



Mineral wool
(96kg / (m ^ 3))

Resin Bonded
Honey Comb

Industry where Fire Rated Shaft Doors used:

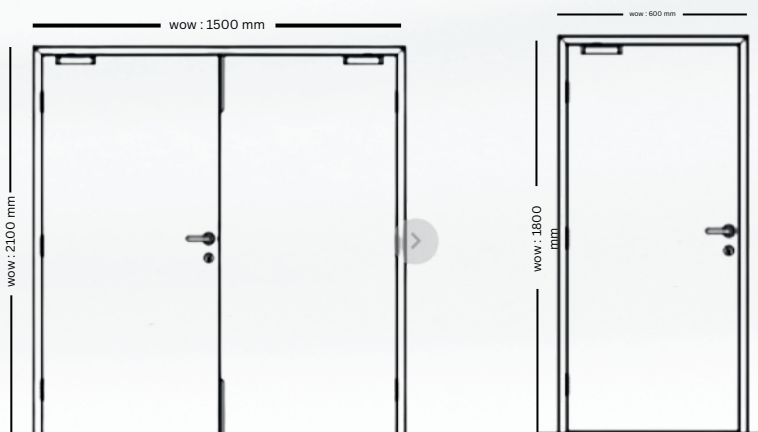
- Industry Doors
- Where house Doors
- Cold Storage Doors
- Residential Buildings
- Commercial Buildings
- Institute
- Public Buildings
- Airport
- Metro
- Hospitals

Added Standard Wall Opening Sizes (WOW X WOH)

- 600X1800 mm (Single Leaf)
- 1500X2100 mm (Double Leaf)



Introducing 'Fire Rated Shaft Doors Comply with BIS (Bureau of Indian Standards) Standard IS 3614:2021 and the National Building Code of India 2016, Part 4, These doors come into Fire Doors cate-gory, available with options of Double skin shutter with Allen Key Lock & Concealed Handle, Constructed with pressed galvanized steel meeting IS 277 standards, sandwiched with Mineral wool (96 Kg/m3) or Resin Bonded Honey Comb for stability and integrity with shutter thickness of 46 mm, Steel reinforcement are provide for structural stability and integrity,



Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" prime prime *3" prime prime * 3mm with screws M 6x16mm, Material:- SS304, Finish:- Satin.
2.	Allen Key Lock Set.
3.	Concealed Handle.
4.	Clear fire rated glass, 6mm(200 * 300mm) for 120 min.
5.	Perimeter seal/ Smoke Seal.
6.	Anchor Fastener, 8X80 mm

8.FHC (FIRE HOUSE CABINET) SHAFT DOOR - SINGLE SKIN

Industry where Non-Fire Rated Shaft Doors used:

- Industry Door
- Warehouse Doors
- Cold Storage Doors
- Residential Buildings
- Commercial Buildings
- Institute
- Public Buildings
- Airport
- Metro
- Hospitals

Standard Wall Opening Sizes (WOW X WOH)

600X1800 mm (Single Leaf)
1500X2100 mm (Double Leaf)



Introducing "FHC Shaft Doors". These doors come into Non Fire Doors category, available with options of Single skin shutter with Allen Key Lock & Concealed Handle. Constructed with pressed galvanized steel meeting IS 277 standards, shutter thickness of 35 mm. Steel reinforcement are provide for structural stability and integrity.

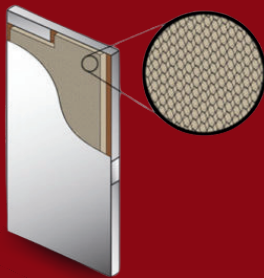
Sr.No.	Supporting Hardware's Details
1.	Double Ball bearing butt hinge of size 4" x3"x 3 mm with screws M 6x16mm, Material:- SS304, Finish:- Satin.
2.	Allen Key Lock Set.
3.	Concealed Handle.
4.	Toughened glass, 5mm thick
5.	Gasket for fixing glass.
6.	Anchor Fastener, 8X80 mm

9. Heavy Duty Industrial Doors (Swing)

Door Specifications

Door Frame	: 2 mm
Door Shutter	: 1.2 mm
Thickness	: 50mm
Vision Panel	: Toughened Glass, 5mm
Frame Size	: 150 * 70mm
Materials	: Galvanized Steel
Finish	: Powder Coated

Door Infill:



Honeycomb

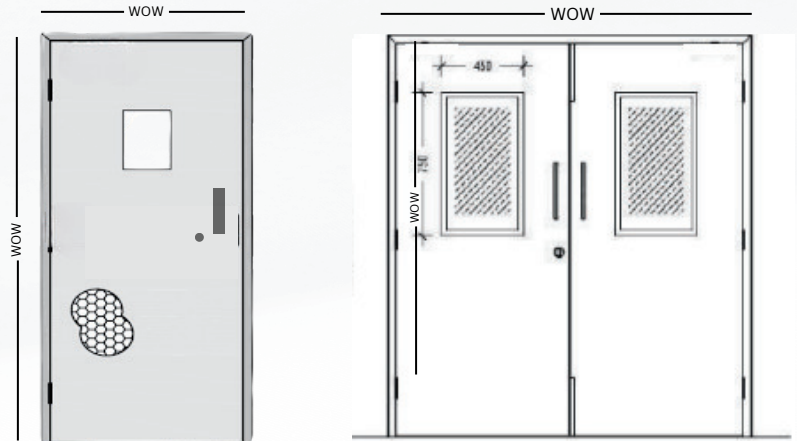
Standard Wall Opening Sizes
(WOW X WOH)

1500 * 3000mm (Single Leaf)
3000X3000 mm (Double Leaf)

Industry where Heavy Duty industrial Doors used:

- Industry Door
- Warehouse Doors
- Cold Storage Doors
- Residential Buildings
- Commercial Buildings
- Institute
- Public Buildings
- Airport
- Metro
- Hospitals

Introducing "Industrial Door (Swing)". These doors come into Non-Fire Doors category, available in mortise dead lock with D. Handle and Heavy duty MS hinges. Constructed with pressed galvanized steel meeting IS 277 standards, sandwiched with resin bonded Honeycomb for stability and integrity with shutter thickness of 50 mm. Steel reinforcement are provide for structural stability and integrity and Internal Structure: 50 * 3 * 3mm This Doors are Avaial-ble in fully coustomised sizes le 3000X3000 mm onwards.



Sr.No.	Supporting Hardware's Details
1.	Heavy Duty MS hinges.
2.	Mortise Dead Lock, 70 mm cylinder.
3.	D- Handle, SS304.
4.	Toughened glass, 5mm thick (As Per Client Requirement).
5.	Gasket for fixing Toughened glass (If Applicable).
6.	Anchor Fastener / Bullet Fastener

TECHNICAL SPECIFICATIONS OF FRAMES PROFILE PRESSES STEEL DOORS FRAME AS PER IS:4351

Variants:

Frames can be supplied in butt assembly, with proper reinforcement and protection for talking hinges, locks and strike plates, including doors closers.

Options:

Architrave on one side
Architrave on both sides

Sheet Thickness: Profile Depth
upto 150 mm: 1.2mm
150 mm & above 1.6mm

Frame Depth:
Max 350mm
Min: 50mm

Frame Sealing :
Fire Rated EPDM
Intumescent Seal

Doors Design Selections:



Vision Light



Rectangle



Narrow Light



Halt Glass



Two Halt Glass



Full Glass



Vision Light
with Louvered

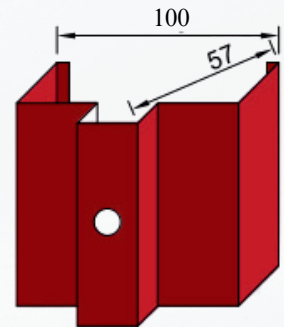
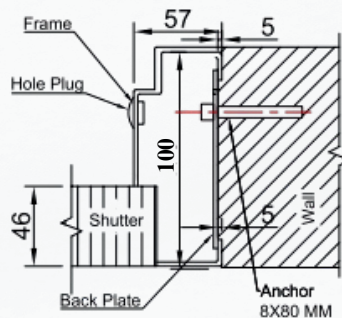


Louvered



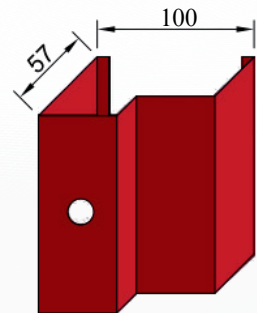
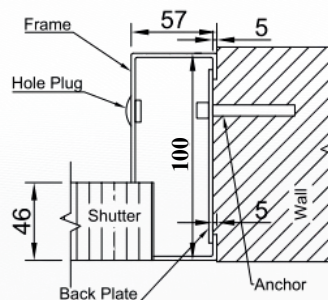
Full Louvered

Double Rivet

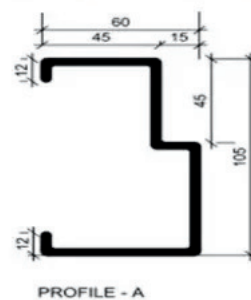


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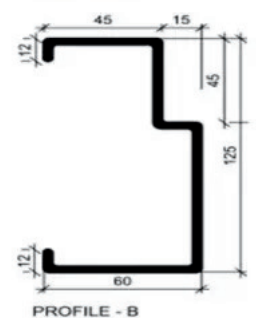
Single Rivet



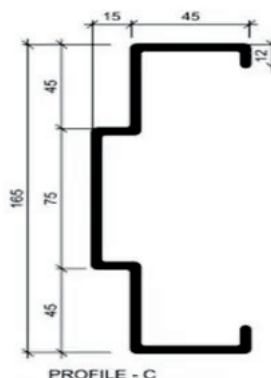
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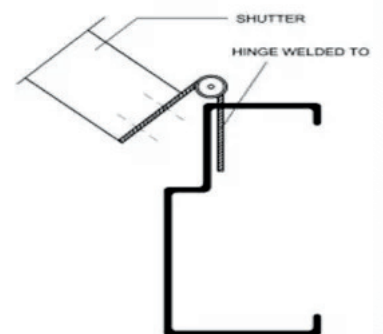
PROFILE - A



PROFILE - B



PROFILE - C



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