



Fire Doors

Product Catalogue

Fire Door experts
in India

Metal | Wooden | Glazed | Acoustic | Lead Lined



Protecting What Matters Most

Importance of Fire Protection System

Fire safety is not a single product or solution - it is a well-planned system designed to save lives, protect assets, and limit damage when seconds matter most. A robust fire protection strategy works on two critical fronts: Active Fire Protection and Passive Fire Protection. Together, they form the backbone of safe, compliant, and resilient buildings.

Active fire protection systems are designed to detect, alert, and suppress fire. These systems require human or automatic activation and respond when a fire breaks out.

Passive fire protection works silently and continuously, without the need for activation. Its purpose is to contain fire and smoke, prevent rapid spread, and maintain structural integrity, allowing occupants time to evacuate safely.

Active systems fight the fire.
Passive systems control its spread

Passive Fire Protection	Active Fire Protection	
Fire Rated Doors & Partition	Fire alarm and detection systems	Fire Safety Regulations
Fire-resistant walls, shafts, and barriers	Sprinklers and fire suppression systems	Fire Safety Drills & Audits
Compartmentation systems	Fire extinguishers and hose reels	Instruction to Occupants

At **Supreme Metwood**, we specialize in manufacturing high-performance Fire-Rated Doors and Partition, an inetergal part of passive fire protection solutions, engineered and tested to perform under extreme conditions—because when fire strikes, there is no second chance.



DLF Commercial Buliding, Gurugram, Haryana



Winner of **AIS hall of fame 2025**, recognising craftsmanship, quality execution, and commitment to high performance solution

Passive Fire Protection is an essential fire safety strategy for any building. If proper planning, installation, and maintenance are implemented, passive fire protection can save lives and protect what matters the most. While it may not provide a complete fire solution, when combined with **Active Fire Solution**, it can make a huge difference in case of emergency.

Fire safety is not about reaction alone—it is about preparation, precision, and protection built into the structure itself.

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About Us

Supreme Metwood was born from a vision - one shaped by over 30 years of industry expertise and the determination to build something of our own.

In 2020, during the stillness of the COVID-19 pandemic, we took a leap of faith. With only a few trusted clients and a deep understanding of fire door manufacturing, we laid the foundation for what is today one of the most trusted names in the industry.

We started small but our persistence, industry knowledge, and commitment to excellence helped us navigate early challenges, turning obstacles into opportunities.

Today, **we are more than just a manufacturer.** With deep industry expertise, we not only deliver tested and certified fire doors, but also offer expert consultation on fire door specifications, compliance guidelines, hardware selection, and site readiness.

Meet the founders



Sunil Jain

Co-Founder, Director

With 35+ years of overall experience, he began his journey in the fire door industry at the very young age of 19.

After gaining extensive expertise working with a reputed fire door company, he went on to establish his own venture - driven by a vision to create safer, certified, and high-performing door solutions.



Dinker Goswami

Co-Founder, Director

With 30+ years of experience, he started as a Civil Engineer in 1993 and later moved into the fire door industry, gaining expertise at a reputable company.

He is a technical expert and his engineering knowledge and experience inspired him to establish his own venture focused on providing trusted fire safety solutions.

Our Clientele



Healthcare, Hospitality, Constructions and many more..

Entee Solutions | AVSIS | Brawn Globus | Jaypee Infra | Tripti Engineering Services | WProjects Management | Surbhi Fire Door | Geographics Interior | Yampa Contracts | Raj Artwood Interiors | AV Solutions | K K Technocrates Pvt. Ltd. | Mahalaxmi Buildwell | Kasana Builders Pvt. Ltd. | DHIPL Projects Pvt. Ltd. | Ingenious Contractors Pvt. Ltd. | Ocus Hospitality Projects Pvt. Ltd. | QVCInterior | Garnet Interiors Pvt. Ltd. | Mahajan Hospital | Rajiv Gandhi Hospital | Akash Hospital | Medanta Noida | Govt. Medical College, Bhiwani | Vraj commercial Pvt. Ltd | Perfect Arts | Moxy Hotel, Kathmandu | Vipul Crafts, Delhi | Kalpakaaru projects Pvt Ltd | Asmiriti Era Interiors

Government Approvals

We are proud to be an approved make across leading government departments and institutions in India. These approvals reflect the quality, reliability, and compliance standards our products.

List of Departments / Institutions

- CPWD Mumbai
- CPWD Shimla
- PWD Delhi
- CPWD Lucknow
- PWD Himachal Pradesh (Shimla)
- NABARD Chandigarh
- Engineers India Ltd. (EIL)
- Uttarakhand Peyjal
- NBCC Delhi
- IIT Mandi, HP (CPWD)
- CIDCO, Maharashtra
- PGIMER Chandigarh

Our Promises

✓ Expertise

Every Supreme Metwood door is crafted under expertise of our founders who brings over 30 years of industry experience.

✓ Integrity

Supreme Metwood upholds highest standard of integrity, ensuring every door meets rigorous quality and ethical benchmarks

✓ Quality

Supreme Metwood doors have stood the test of fire, ensuring unparalleled safety and strength for peace of mind.

✓ Assurance

Supreme Metwood doors come with 13 months warranty, offering long lasting quality and peace of mind.

✓ Delivery

Supreme Metwood ensures prompt delivery getting your door on time.

✓ Affordability

Supreme Metwood provides top tier doors at competitive price, delivering exceptional value.

✓ Precision

Supreme Metwood's advance setup and state-of-the-art technology guarantee precision and excellence in very door.

✓ Service

Supreme Metwood offer comprehensive and continuous post production support.

✓ Simplicity

Supreme Metwood doors are designed for easy installation, streamlining process and saving your time.

✓ Variety

Supreme Metwood Offers range of designs, giving you numerous options to meet your needs and style.

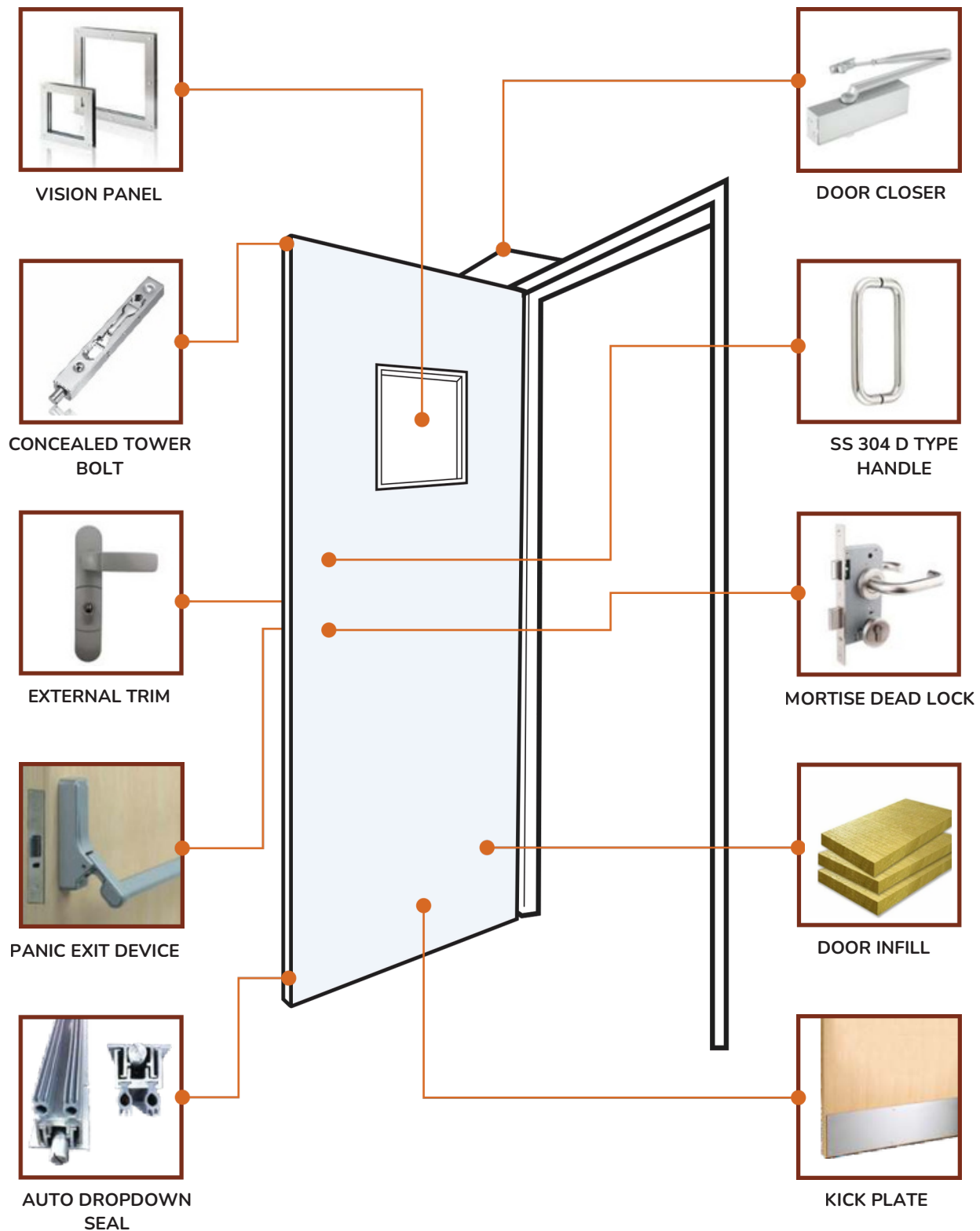
Certifications

Supreme Metwood's fire-resistant doors are backed by industry certifications, ensuring top-tier safety and reliability.



Hardware Options

Supreme Metwood's fire-rated doors come with all required branded hardware and accessories. All hardware is fire-rated as per norms for optimal performance.



Note : We highly recommend purchasing hardware and other accessories along with the door to ensure that the complete frame is of the same standard as the door.

METAL FIRE RATED DOOR

A Metal Fire Rated Door offers the strength that you can rely on.

Built with high-strength GI steel and tested for endurance, it safeguards critical spaces with unmatched durability and precision.

Features

1. Certified Fire Resistance

Tested at CBRI for 120 minutes of fire rating as per latest standard.

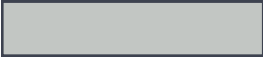
2. High-Strength GI Steel Construction

Durable metal build with reinforced edges for maximum stability under heat.

3. Intumescent & Smoke Seals

Grooved Seals around edges to block smoke, flames, and toxic gases - ensuring safer evacuation paths.

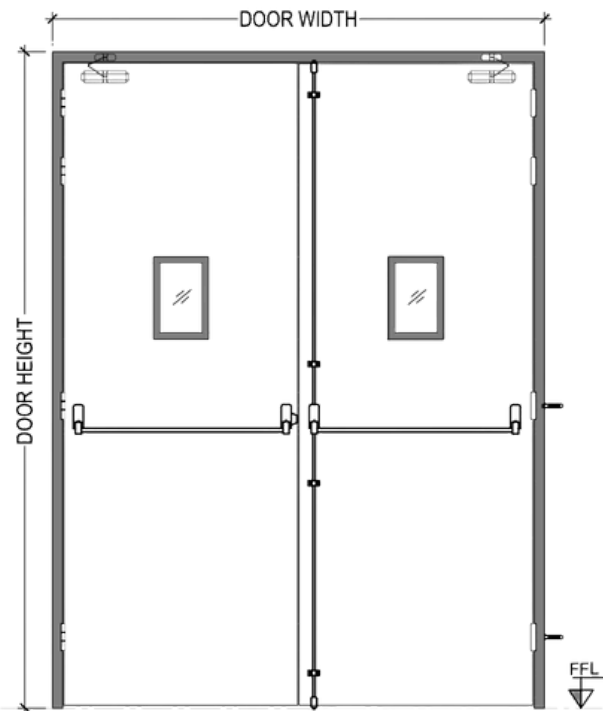
Powder Coating Finish

		
PO Red	RAL 9016	RAL 9010
		
RAL 9005	RAL 9003	RAL 7043
		
RAL 7040	RAL 7035	RAL 1019

*Colours other than mentioned above are also available.



Metal Fire Rated Door



These doors are suitable for location like **Staircase exits, Electrical rooms, Server rooms, Corridors, and Shafts.**



Specification

- 2hr Fire Rating
- Stability, Integrity and 30 mins Insulation
- Conforms to IS 3614:2021/BS 476 Part 20-22
- Single or Double Leaf Options
- Infilled with Mineral Wool
- CBRI/NABL Lab Accredited
- Powder Coating Finish
- 6mm Clear Fire Rated Non-wired Vision Glass 200X300mm



Door Frame

- Two option: 100X57mm Single Rebate | 150X57mm Double Rebate
- Made from 1.2/1.6mm GI sheet
- Butt/Miter Joinary



Door Shutter

- 48mm thickness
- Made from 1.2mm GI sheet
- Double skin fully flush shell



Hardware

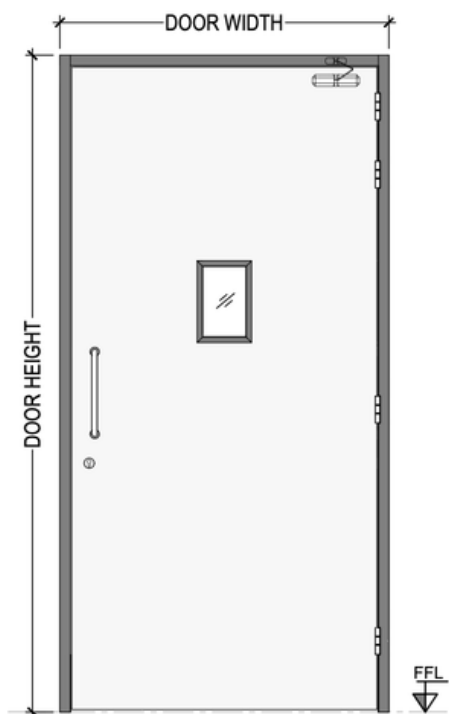
Recommended

- » SS Ball Bearing Fire Rated Hinges
- » Fire Rated Door Closer
- » Fire Rated Panic Bar for Push Side Operation complete with Fire Rated Panic Trim for Pull Operation

Optional

- » Fire Rated Mortise Dead Lock set with Cylinder - With SS 304 D-Type handle for Push / Pull Operations
- » Fire Rated Mortise Sash Lock with Cylinder with Lever handle for Push / Pull Operations
- » Fire Rated Concealed Flush Bolt

Hollow Pressed Steel Door



These doors are Multipurpose door suitable for location like **Industrial facilities, Warehouses, Hospitals, Commercial buildings and Storage Room.**



Specification

- Non-Fire Rated Option
- Conforms to IS 4351 & IS 16074
- Single or Double Leaf Options
- Infilled with Honeycomb Core
- Powder Coating Finish
- 5mm Clear Toughened Glass



Door Frame

- Two option: 100X57mm Single Rebate | 150X57mm Double Rebate
- Made from 1.2/1.6mm GI sheet
- Butt/Miter Joinary



Door Shutter

- 46mm thickness
- Made from 0.8/1.2mm GI sheet
- Double skin fully flush shell



Hardware

Recommended

- » SS Ball Bearing Hinges
- » Surface Mounted Door Closer
- » Tower Bolt / Flush Bolt
- » Mortise Dead Lock set with Cylinder - Complete with D-Type Pull handle for Push / Pull Operations

Optional

- » Fire Rated Mortise Sash Lock with Cylinder with Lever handle for Push / Pull Operations

Metal Shaft Doors



FHC Door



Specification

- Frame Size : 100 x 50 x 1.0mm
- Shutter Thickness : 25 x 1..0mm (Single Sheet)
- Fixing Finish : Powder Coated
- Panel : As per project requirement

FHC Doors are vital in commercial buildings, hospitals, malls, hotels, high-rises, and industrial spaces for quick access to firefighting equipment.

Louvered Door



Specification

- Frame Size : 100 x 50 x 1.0mm
- Shutter Thickness : 25 x 1.0 mm (Single Sheet) Non Fire Rated
- Fixing Finish : Powder Coated



Louvered Doors are used in areas that require constant airflow while maintaining enclosure, such as electrical rooms, mechanical rooms, utility spaces, and ventilation-dependent areas in commercial and industrial buildings.

Glazed Fire Door

DESIGNED TO BLEND



These doors are perfect for Office cabins, conference rooms, Hotel lobbies & corridors, Commercial building partitions, Hospitals & healthcare spaces and High-rise lift lobbies & common areas



FIRE RATED GLAZED DOOR

A Glazed fire-rated door is designed to blend. It seamlessly combine fire safety with modern aesthetics.

Equipped with **AIS Pyrobel-T**, it is engineered to endure extreme heat, limit heat transfer and prevent spreading of smoke and flames.

Features

1. Certified Fire Resistance

Tested at CBRI for 120 minutes of fire rating, meeting required safety standards.

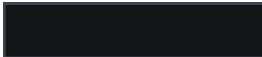
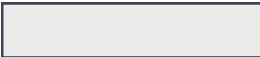
2. Safety meets Aesthetic

Provides an open, spacious look with natural light flow — perfect for premium architectural designs.

3. Multiple Configuration Options

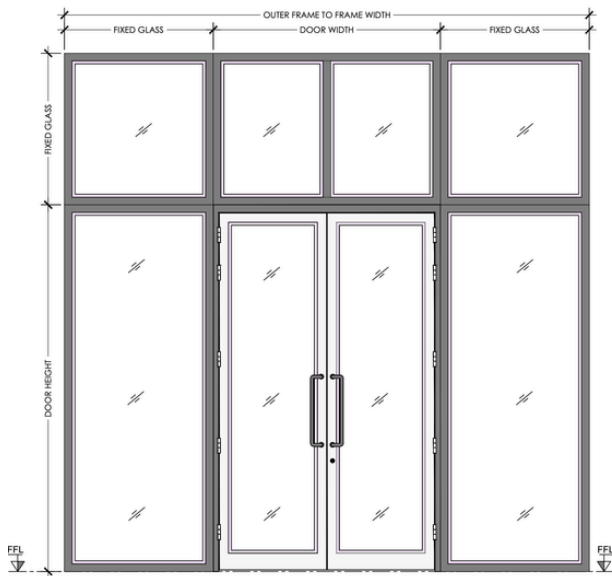
It range from single and double-door setups to integrated glazed partitions that extend seamlessly across larger spaces

Powder Coating Finish

		
PO Red	RAL 9016	RAL 9010
		
RAL 9005	RAL 9003	RAL 7043
		
RAL 7040	RAL 7035	RAL 1019

*Colours other than mentioned above are also available.

Glazed Fire Rated Door with Fixed Partition



Specification

- 2hr Fire Rating
- Stability, Integrity and 30 mins Insulation
- Conforms to IS 16947:2018 / EN1634-1:1999
- Single or Double Leaf Options
- 12mm/16mm Interlayered Fire Rated glass (E120/EW120/EI30)
- Infilled with Mineral Wool
- CBRI/NABL Lab Accredited
- Powder Coating Finish



Glazed FR Window

- Partition Frame: 60X70mm from all side
- Made from 1.6mm GI sheet
- Butt/Miter Joinary



Glazed FR Door

- Door Frame: 50 X 60 mm Horizontal side & 35 X 60mm Vertical sides
- Door Shutter: 60x60mm Top & Side Rail & 110x60mm Bottom Rail
- Made from 1.6mm GI sheet



Hardware

Recommended

- » SS Ball Bearing Fire Rated Hinges
- » Fire Rated Door Closer
- » Fire Rated Concealed Flush Bolt
- » Narrow Stile Mortise Dead Lock set with Cylinder - Complete with SS 304 Offset D-Type handle for Push / Pull Operations

Optional

- » Fire Rated Panic Bar for Push Side Operation complete with Fire Rated Panic Trim for Pull Operation
- » Fire Rated Mortise Sash Lock with Cylinder with Lever handle for Push / Pull Operations

Configurations

To complement diverse design requirements, we offer **multiple configuration options**. These range from **single** and **double-door setups** to **integrated partitions** that extend seamlessly across larger spaces. These combinations maintain a consistent visual language, bringing together transparency, sophistication, and performance in one unified solution.

Single Leaf Glazed Fire Rated Door with Fixed Partition



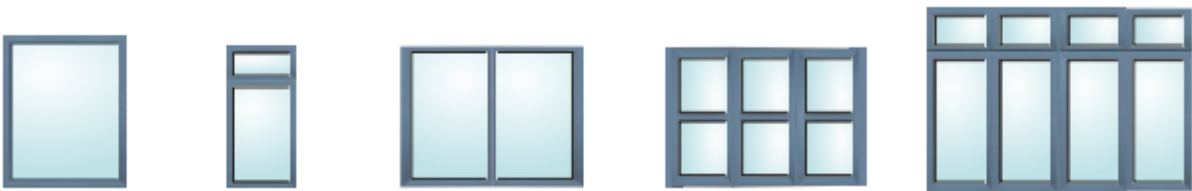
Double Leaf Glazed Fire Rated Door with Fixed Partition



Fixed Partition



Windows





WOODEN FIRE RATED DOOR

Wooden fire-rated doors has the natural warmth and aesthetics with engineered fire protection.

Crafted with precision, fire-rated cores and fine finishes — our wooden fire-rated doors blend tradition, design, and protection making them ideal for homes, hotels, offices, and premium interiors.

Features

1. Certified Fire Resistance

Tested at CBRI for 60 and 120 minutes of fire rating, meeting required safety standards.

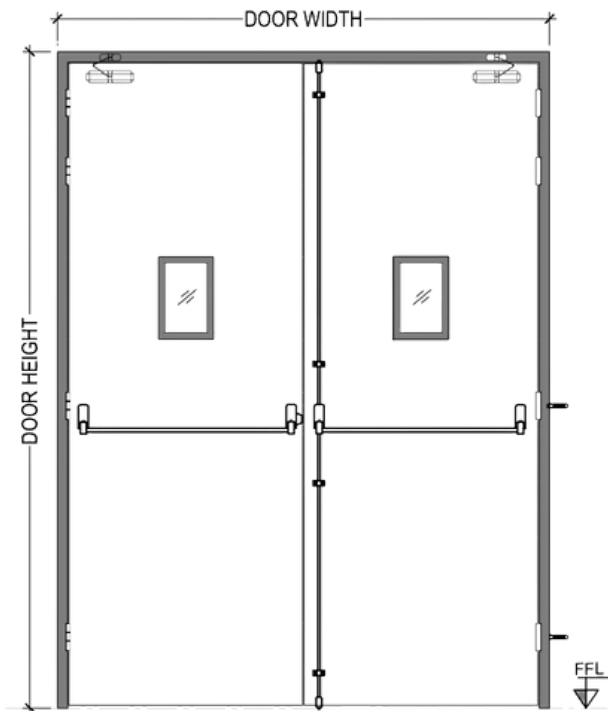
2. Intumescent & Smoke Seals

Grooved seal around edges to block flames, smoke, and toxic gases - ensuring safer evacuation paths.

3. Aesthetic Versatility

Available in multiple finishes - teak veneers, laminate, natural wood finish - offering premium visual appeal while maintaining full fire compliance.

Wooden Fire Rated Door



These doors are generally suitable for location like Hotel, Hospital and Government building placed at **Staircase exits, Room Entry, Corridors, and Shafts.**

Hardware

Recommended

- » SS Ball Bearing Fire Rated Hinges
- » Fire Rated Door Closer
- » Fire Rated Panic Bar for Push Side Operation complete with Fire Rated Panic Trim for Pull Operation

Optional

- » Fire Rated Mortise Dead Lock set with Cylinder - With SS 304 D-Type handle for Push / Pull Operations
- » Fire Rated Mortise Sash Lock with Cylinder with Lever handle for Push / Pull Operations
- » Fire Rated Concealed Flush Bolt



Specification

- 2hr Fire Rating
- Stability, Integrity and Insulation
- Conforms to IS 3614:2021
- Single or Double Leaf Options
- CBRI Lab Accredited
- Raw/Veneer/Laminate Finish
- 6mm Clear Fire Rated Non-wired Vision Glass 200X300mm



Door Frame

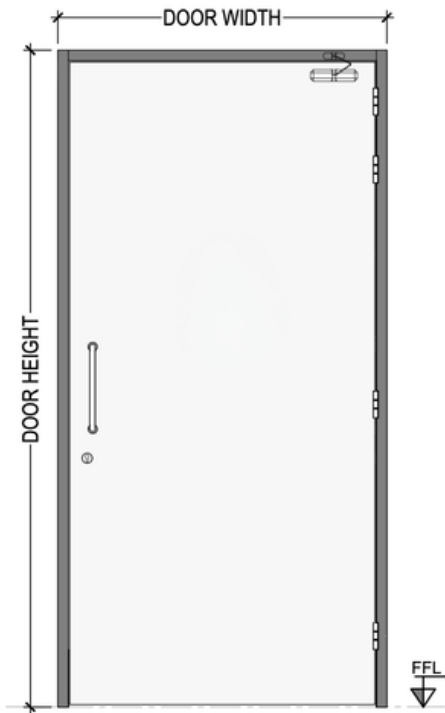
- 140X70mm Frame Profile
- Made from Hardwood (Mirandi/Teak)



Door Shutter

- 55mm thickness
- Comprises of 2 HILUX boards each 10mm sandwiching fire resistant insulation fiber both faces finished with 3mm Commercial Ply
- Hardwood Lipping

Wooden Fire Rated Door



Specification

- 1hr Fire Rating
- Stability, Integrity and Insulation
- Conforms to BS 476 Part 20-22
- Single or Double Leaf Options
- CBRI Lab Accredited
- Raw/Veneer/Laminate Finish



Door Frame

- 115X70mm Frame Profile
- Made from Hardwood (Mirandi/Teak)



Door Shutter

- 45mm thickness
- Comprises of 2 HILUX boards each
8mm sandwiching fire resistant
insulation fiber both faces finished with
3mm Commercial Ply
- Hardwood Lipping

These doors are generally suitable for location like Hotel, Hospital and Government building placed at **Room Main Entry and Shafts.**



Hardware

Recommended

- » SS Ball Bearing Fire Rated Hinges
- » Fire Rated Door Closer
- » Fire Rated Mortise Dead Lock set with Cylinder - With SS 304 D-Type handle for Push / Pull Operations

Optional

- » Fire Rated Mortise Sash Lock with Cylinder with Lever handle for Push / Pull Operations
- » Fire Rated Concealed Flush Bolt



WOODEN ACOUSTIC FIRE DOOR

An Acoustic-cum-Fire Rated door is a dual-performance door designed to block sound while providing certified fire resistance.

It provides unmatched fire protection and exceptional sound insulation, making them the perfect choice for environments where both safety and tranquility are essential.

Features

1. Dual Protection

Provides certified fire resistance of 120 minutes along with high acoustic ratings for noise reduction.

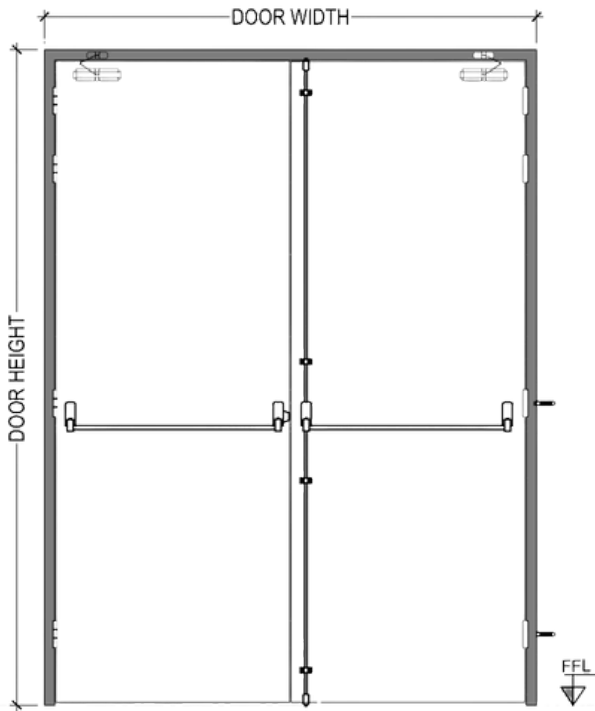
2. Specialised Core & Seals

Engineered with sound-insulating cores, acoustic seals across the perimeter preventing sound leakage

3. Ideal for Sensitive Environments

Perfect for studios, conference rooms, hospitals, hotels, and control rooms where safety and silence are both essential.

Wooden Acoustic Fire Rated Door



These doors are generally suitable for location like **Theaters, Recording Studios, Auditoriums and Conference Rooms.**

Hardware

Recommended

- » SS Ball Bearing Fire Rated Hinges
- » Fire Rated Door Closer
- » Fire Rated Panic Bar for Push Side Operation complete with Fire Rated Panic Trim for Pull Operation
- » Acoustic Seals (For Perimeter, Meeting Point & Bottom)

Optional

- » Fire Rated Mortise Dead Lock set with Cylinder - With SS 304 D-Type handle for Push / Pull Operations
- » Fire Rated Mortise Sash Lock with Cylinder with Lever handle for Push / Pull Operations
- » Fire Rated Concealed Flush Bolt



Specification

- 2hr Fire Rating
- Stability, Integrity and Insulation
- Conforms to IS 3614:2021
- Single or Double Leaf Options
- Noise insulation properties R_w up to 35-40 dB
- CBRI Lab Accredited
- Raw/Veneer/Laminate Finish



Door Frame

- 140X70mm | 140X90mm Frame Profile
- Made from Hardwood (Mirandi/Teak)



Door Shutter

- 77mm thickness
- Comprises of 2 HILUX boards each 12mm sandwiching fire resistant insulation fiber both faces finished with 6mm Commercial Ply
- Hardwood Lipping



METAL LEAD LINED DOOR

A lead-lined door is specially designed to block harmful radiation in facilities like hospitals, labs, and imaging rooms.

It uses a high-purity lead sheet inside the door structure to provide effective shielding while maintaining fire and safety standards.

Features

1. Radiation Protection

Built with 99% pure lead sheets (~2mm) to block X-ray and gamma radiation.

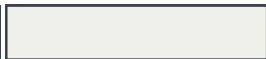
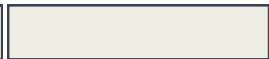
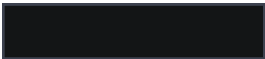
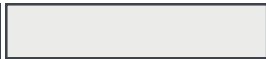
2. Fire Safety

Can be engineered as a fire-rated door, offering dual protection from both radiation and fire hazards.

3. Available in Metal and Wooden Variants

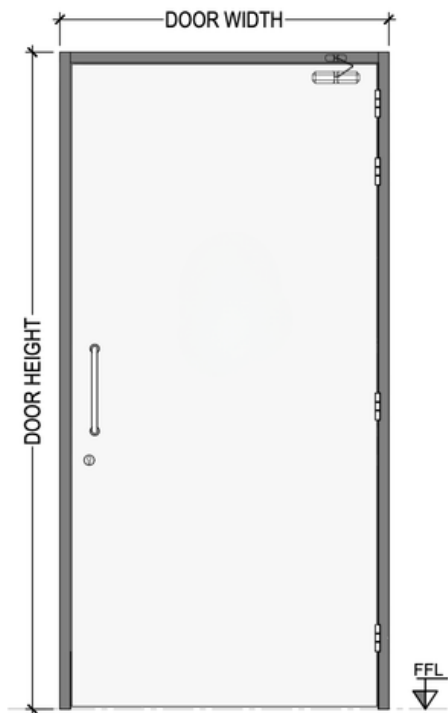
Designed to match different environments while maintaining shielding performance.

Powder Coating Finish

		
PO Red	RAL 9016	RAL 9010
		
RAL 9005	RAL 9003	RAL 7043
		
RAL 7040	RAL 7035	RAL 1019

*Colours other than mentioned above are available

Metal Lead Lined Door



Specification

- 2hr Fire Rating
- Stability, Integrity and 30mins Insulation
- Radiation Protection
- Conforms to AERB / DRS
- Powder Coating



Door Frame

- Two option: 100X57mm Single Rebate | 150X57mm Double Rebate
- Made from 1.2/1.6mm GI sheet
- Butt Joinary



Door Shutter

- 48mm thickness
- Made from 1.6mm GI sheet
- Double skin fully flush shell
- 2mm (+/-1%) Lead sheet with 99% purity

These are suitable for **X-ray & CT scan rooms, MRI suites, Medicine departments and Radiation research laboratories**



Hardware

Recommended

- » SS Ball Bearing Hinges
- » Heavy Duty Door Closer
- » Half Cylinder with One side Key (From Outside)
- » Exposed Tower Bolt (From Inside)

Optional

- » Optional Lead Lined door sill to cover the gap between finished floor and door shutter
- » Lead Lined architrave to be used
- » Lead Glass for Vision Panel



Protecting What Matters Most

STANDARDIZATION TESTING AND QUALITY CERTIFICATIONS



Don't hesitate to talk to us!

Because we know that brochures are not good listeners!

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