



## Fire Door Program

IS, BS and UL

T60

T90

T120

T180

**HÖRMANN**



We are Hörmann, a pioneer in high performance doors across the world and No. 1 door brand in Europe. Established in 1935, we adopt cutting-edge German technology to design, build and supply doors for industrial, commercial and residential applications.

We started our journey in India as Shakti Met-Dor(Now Shakti Hormann) in 1994 and have been operating as a Hörmann subsidiary since 2012, we have developed a reputation for excellence in the Indian market with high quality products, prompt delivery, and a service paradigm that has become an industry benchmark.

We have a pan-India presence with sales and marketing offices spread across all major metros, and our manufacturing facility near Hyderabad is equipped to produce over 200,000 hollow metal doors and frames and over 10,000 Industrial doors per annum. All our doors come with varied options in ironmongery, sizes and finishes, incorporating the latest global standards in safety and security.

Our vision is to introduce products and services that enrich customer experiences in the residential, commercial and industrial spaces, built on the foundation of innovation, quality and customer fulfilment.



**30 Countries**  
Worldwide



**6000+**  
Strong Workforce



**15 Million+**  
Doors Delivered



**80+**  
Sales Subsidiaries



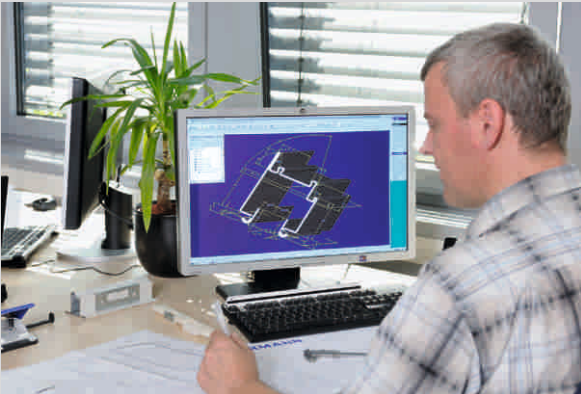
**27 Factories**  
Across Europe, Asia  
& North America



Manufacturing Facility  
in Hyderabad



Our presence in the global economy's key regions makes us a strong, future-oriented partner for industrial and public construction projects.



### In-house product development

Growing and constantly changing functional and safety requirements necessitate continuous new construction/equipment developments and improvements, especially when it comes to moveable construction components such as doors. In this area, our qualified development teams time and again prove their specialised expertise.



### Highly sophisticated production methods

We at Hörmann rely on the latest production technology at our specialised factories. Computer-controlled operations ensure dimensionally accurate elements with perfectly fitted fittings and functional parts.



### Fire testing at accredited labs

Our new and further developments are constantly tested for required fire resistance through fire tests at CBRI - India, Warrington, UK and Underwriters laboratories Chicago (UL). We continually test and certify with glazing and fire-rated steel frame profiles as per IS3614 Part 2 & BS476 Part 22 standards. The knowledge gained from these ensures high fire protection for life and property.



### Expert building support

Experienced specialists within our customer-oriented sales organisation accompany you from the planning stage, through technical clarification and door hardware scheduling to ensure proper selection and application. Expert fitting is guaranteed by experienced Hörmann fitters and engineers.





## Tested for performance excellence

As per highest standards of safety

Hörmann is committed to highest standards of safety, performance, and quality. Our Fire Doors are tested, evaluated or certified as per nationally and internationally recognized standards at premier testing labs. They are tested to withstand extreme conditions for longer durations to ensure complete safety.



केंद्रीय भवन अनुसंधान संस्थान, रूड़की  
CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE  
(A Constituent Establishment of CSIR)



THINGS TO KNOW ABOUT OUR PRODUCT MARKING:

Barcode Tracking: For easy identification and product/installation/issue tracking.



180028594/20/  
RHR/1/8/  
1702F

Unique customer order no. for easy tracking and identification

IS/BS Label: Information on the fire label, unique identification number.



Shakti Horman Pvt Ltd.  
120 minutes  
Un-Insulated  
Fire Door  
Tested as per  
IS 3614 & BS 476  
:040-27840394/5  
Email:  
sales@shaktihormann.com  
www.shaktihormann.com  
28594/20

Fire rating  
Testing standard  
Unique serial no. provided for easy tracking

Certifire Label: Information on the fire label, unique identification number.



CERTIFIRE S.No.:  
CERTIFICATE NO. CF  
CERTIFIED  
FIRE  
DOOR FD  
DO NOT REMOVE LABEL  
TEL NO: +91 40 27840394/5  
Email: info@shaktihormann.com

Fire Door Certification invalid unless installed and Maintained exactly in accordance with Manufacturer's instructions and this label is retained unmarked and not removed.

Certifire file no. that can be tracked online  
Fire rating  
Unique serial no. provided and audited by the certification body

UL Label: Information on the fire label, unique identification number.



CLASSIFIED  
UL  
LISTED

SWINGING TYPE FIRE DOOR - UL 10C  
FIRE RATING 1 1/2 HR, 30 MIN. TEMP. RISE 1000 F  
FIRE DOOR TO BE EQUIPPED WITH  
FIRE EXIT HARDWARE  
MIN. LATCH THROW 1 1/2 INCH

UL  
LISTED

FIRE DOOR FRAME  
NO. HN XXXXXX

R26117

Hörmann’s specialized Fire Doors are designed to compartmentalize and contain the spread of fire meeting the most stringent requirements of life safety in commercial and industrial establishments.

DESIGN HIGHLIGHTS

- Available in galvanised or stainless steel.
- Label doors for 45, 60, 90, 120 and 180 minutes.
- Clear vision lite for up to 120 minutes fire rating.
- Groove frame profile for air tight sealing.
- Factory prepped to receive all types of hardware.
- High aesthetic and robust structure.
- Easy to install on a flush wall opening & dry wall partitions.
- Factory finished for primer and paint finishes.
- **Optional Features**
  - Wood Grain can be provided as an optional finish.
- **Single Source**
  - Hormann advises door, door shutters and hardware from one source!



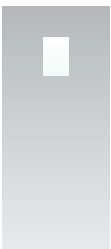
Door Elevations



F



V



R



N



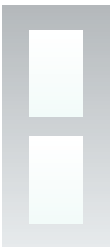
C



G



FG



FG

- Elevations shown above are standard
- Vision panel sizes are based on fire rating.



# Frames

### Variants

- Mitre joint
- Butt joint
- Welded

### Options \*

- Architrave on one side
- Architrave on both sides

### Sheet Thickness ( Profile Depth )

- Up to 150mm - 1.2mm
- 151 & above - 1.6mm

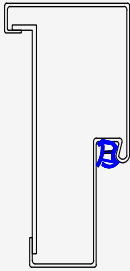
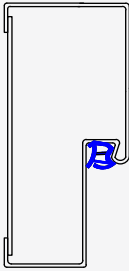
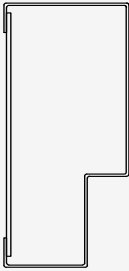
### Frame Depth

- Max : 350mm
- Min : 50mm

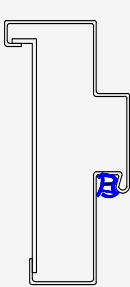
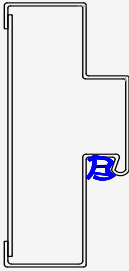
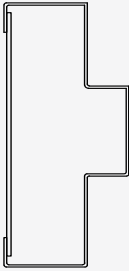
### Smoke Seal

- PVC seal for non fire rated
- EPDM gasket for fire rated

### Single Rebate

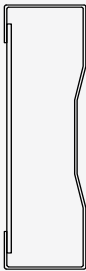
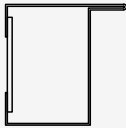
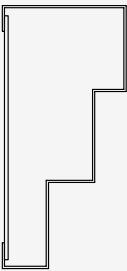


### Double Rebate



\* Architrave

### Special Profiles



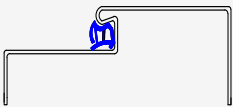
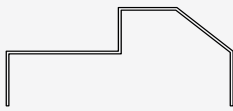
\* Architrave

### Double Egress

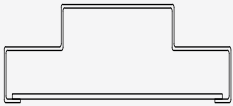
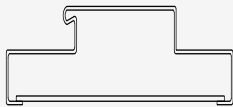
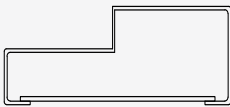
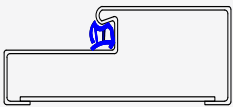
### Zero Soffit

### Double Swing

## Thresholds



## Reverse Headmembers









IS - Label Fire Doors

IS label doors are available in T60, T120 & T180 as per IS 3614 & BS 476 part 22

T60

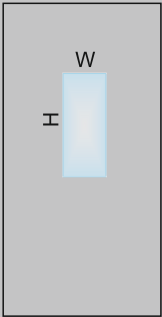
T120

T180

dB

- Single Door 1200 X 2400 - 35 dB - Infill HC
  - Single Door 1200 X 2400 - 40 dB - Infill MW
  - Double Door 2400 X 2400 - 35 dB - Infill HC
  - Double Door 2400 X 2400 - 39 dB - Infill MW
- \* All doors with sill and groove frame.

Glass Dimensions



Infill



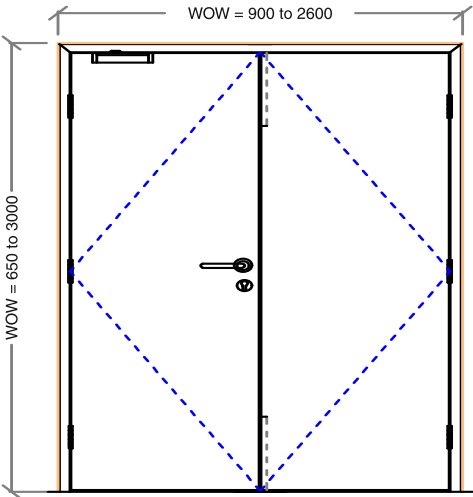
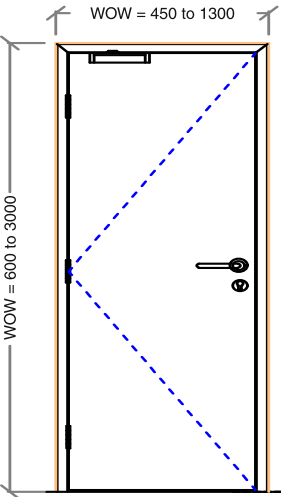
Honeycomb



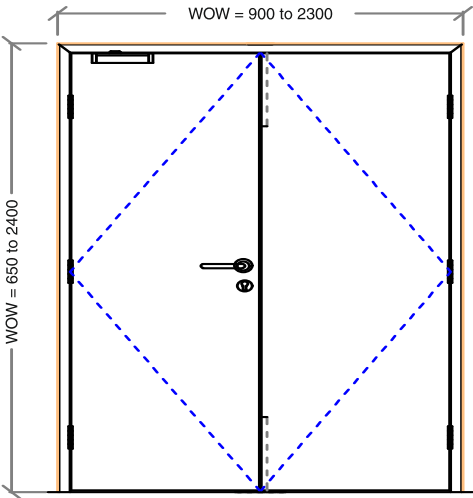
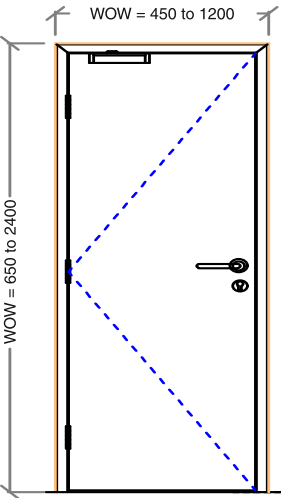
Mineral Wool

**Note:-** \*All Dimensions are in mm

60 / 120



180



WOW = Wall Opening Width  
WOH = Wall Opening Height

A bright yellow door is shown, slightly ajar, revealing a white interior. A silver metal push bar is mounted horizontally across the door. A green rectangular sign with white text is affixed to the door, centered over the push bar. The door is set within a yellow frame, and the surrounding wall is a light, off-white color.

Push bar to open



BS - Label Fire Door

BS label doors are available in T60 & T120  
Bs 476, Part 20&22.

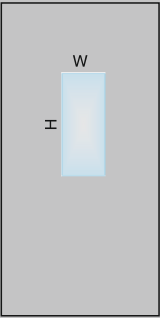
T60

T120

dB

- Single Door 1200 X 2400 - 35 dB - Infill HC
  - Single Door 1200 X 2400 - 40 dB - Infill MW
  - Double Door 2400 X 2400 - 35 dB - Infill HC
  - Double Door 2400 X 2400 - 39 dB - Infill MW
- \* All doors with sill and groove frame.

Glass Dimensions



W	450
H	1200

Max. glass area (WXH)  
not to exceed 0.54 Sq. Mts

Infill

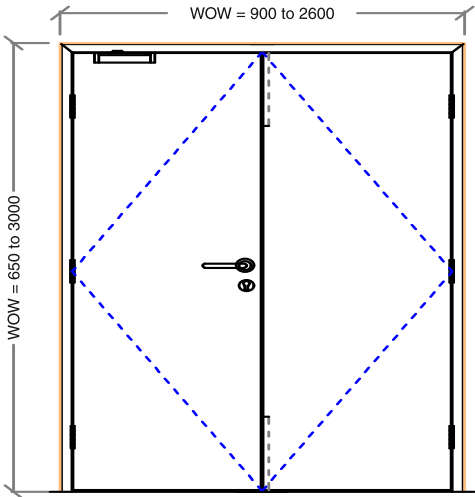
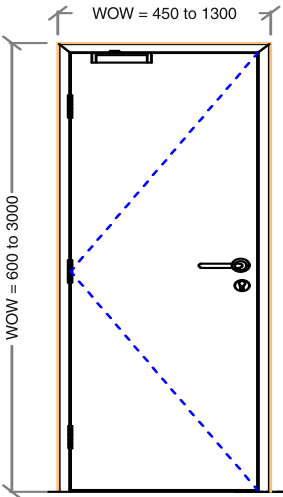


Honeycomb

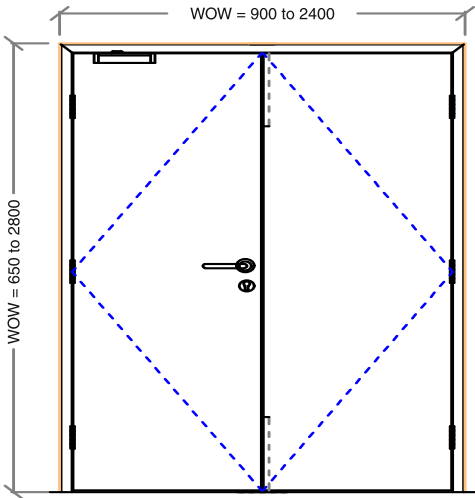
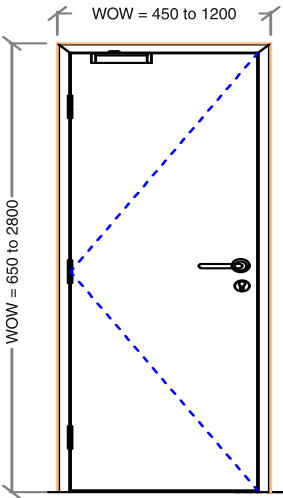


Mineral Wool

Latched



Un Latched



**Note:-** \*All Dimensions are in mm

WOW = Wall Opening Width  
WOH = Wall Opening Height





UL Label Fire Door

UL label doors are available in Temperature Rise(30 min insulation) & Non-Temperature rise as per NFPA 80, NFPA 252,UL10B & UL10C

T45

T60

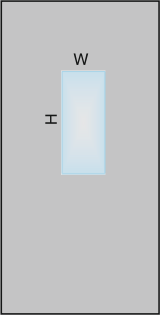
T120

T180

dB

- Single Door 1200 X 2400 - 35 dB - Infill HC
- Single Door 1200 X 2400 - 40 dB - Infill MW
- Double Door 2400 X 2400 - 35 dB - Infill HC
- Double Door 2400 X 2400 - 39 dB - Infill MW

Glass Dimensions



- Max width - 279
- Max height - 700
- Max Area should not exceed 0.07 Sq . Mts

Temperature Rise

- 30 mins. for 232 °C
- 30 mins. for 343 °C

Infill



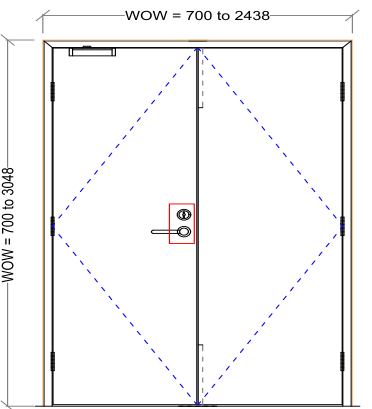
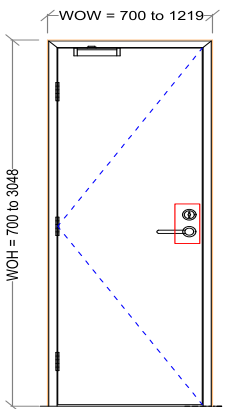
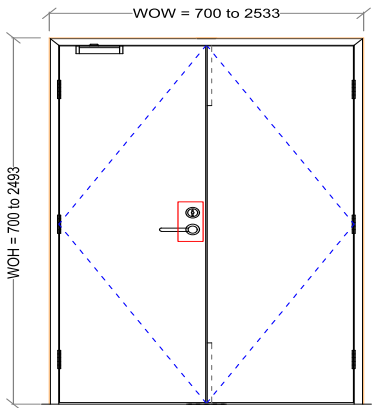
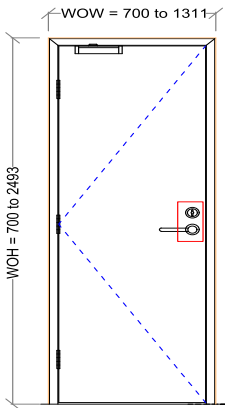
Honeycomb



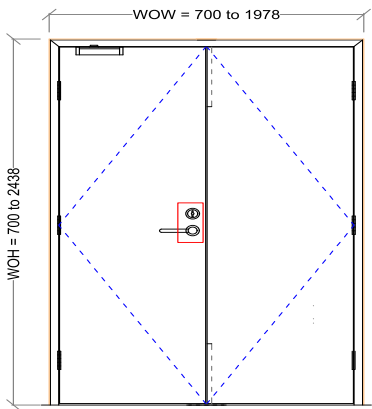
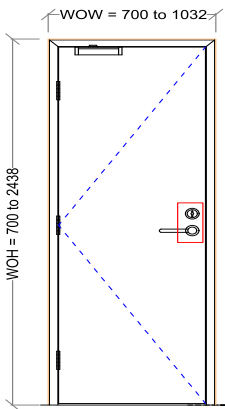
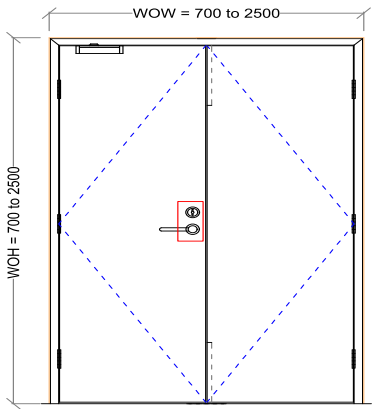
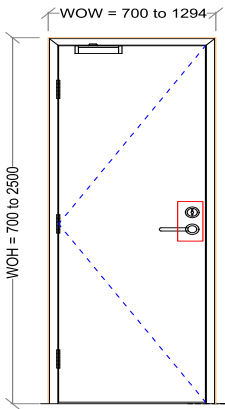
Steel Stiffened

**Note:-** \*All Dimensions are in mm

Non - Temp. Rise Doors



Temp. Rise Doors



WOW = Wall Opening Width  
WOH = Wall Opening Height



T120

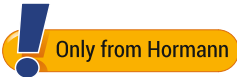




# Tubular Glazed Door and Partition Wall System

## Features

Fully Glazed Fire-rated doors have opened new avenues for architectural creativity. Transparent and aesthetically appealing, they match with interior/exterior glazing and can be integrated seamlessly with the designers intent.



T60

T120

T180

Max Sizes:

Latched	Single	Double
• WOW -	1300	2500
• WOH -	3000	3000
Un Latched		
• WOW -	1300	2500
• WOH -	2700	3000

Options

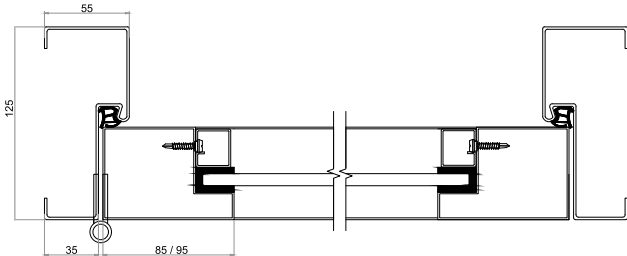
- With Transom
- With side Glazing
- With fixed Glazing

**Note:-** \*All Dimensions are in mm

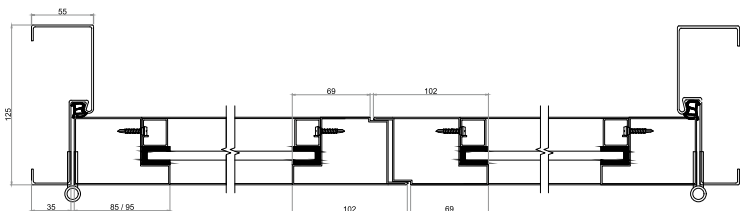
### DESIGN HIGHLIGHTS:

- Largest door tested in India in this category
- Slim profile with integral astragal
- Range of glasses: 8 mm, 10 mm, 11 mm, 12 mm and 14 mm
- Fire rated lock from Hörmann in latched and unlatched
- Only manufacturer to test a door in unlatched condition
- Any Certifire approved Fire-rated Glass can be used on our glazed systems
- Types of fire glass used: Borosilicate and Inter-layered
- Tested in Warrington, UK and CBRI, India
- Toughened and frosted glass options are also available
- Non Fire-rated Door options are also available for general application. They provide higher strength and durability when compared to UPVC and Aluminium Doors available.

SINGLE DOOR SECTION



DOUBLE DOOR SECTION



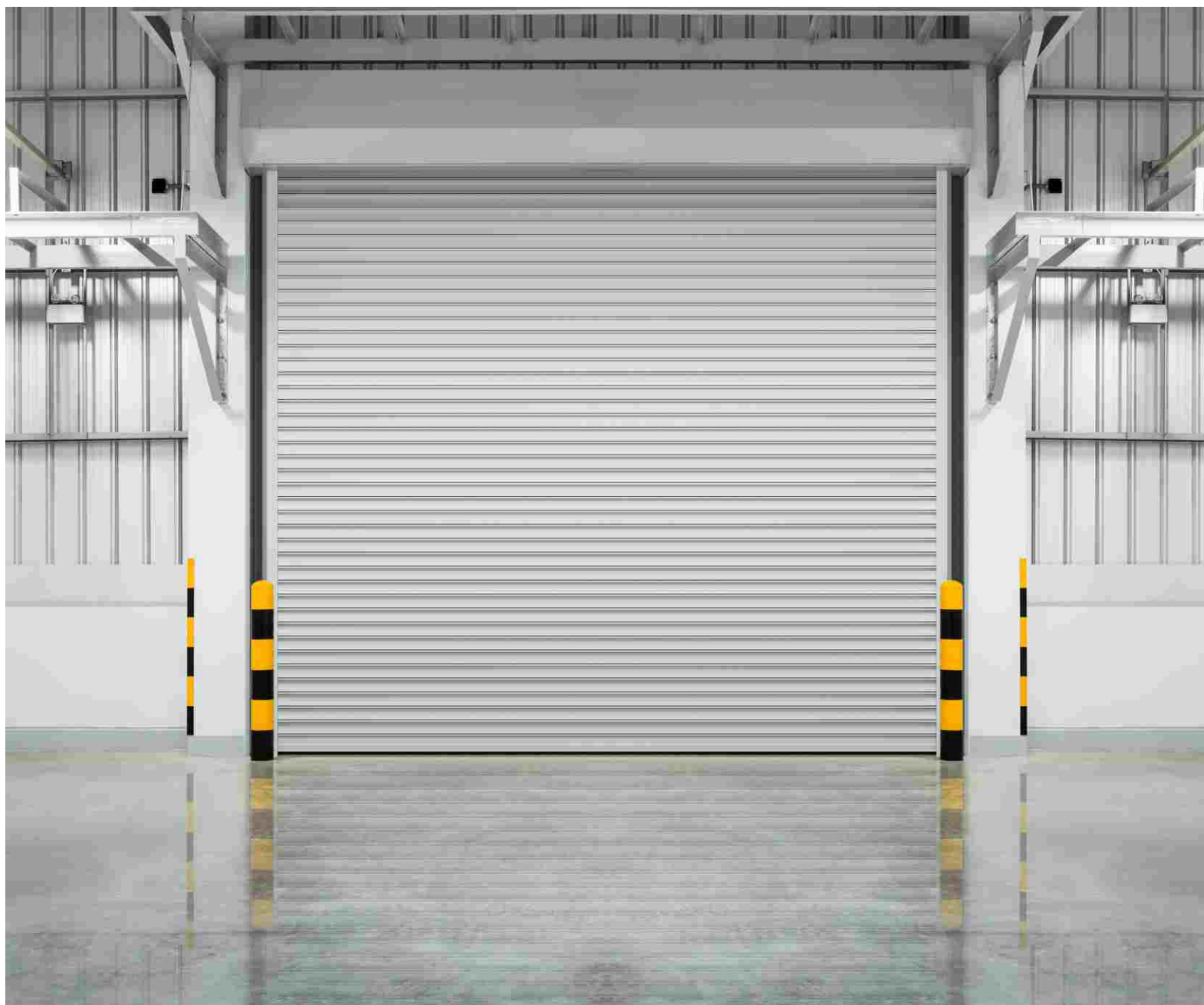
INTEGRAL ASTRAGAL DETAILS

WOW = Wall Opening Width  
WOH = Wall Opening Height



**Fire Rolling Shutters**

**NEW**



**T 240**



T120

T180

T240

**Specification**

- BS476 Part 22 with upto 4 hrs

**Slats**

- 0.8mm to 1.2mm depending on shutter size.

**Space Requirement**

- Bearing side : 150 mm | Motor Side : 200 mm

**Guide Rail**

- 3 mm thick bent single pc guide rail, for superior strength

**Bottom Bar**

- 100 mm fabricated from 2 piece 50mm X 50mm X 5mm thick steel angle.

**Operator**

- 220 V 50 Hz single phase, up to 5000 X 5000 mm, 415 V 50 Hz three phase for bigger sizes.
- Push Button with IP 66 protection

**Fire accessories**

- Fusible link and solenoid release system
- Fire Alarm Back up panel(optional) with 2x 12V battery to descend the shutter, if fire alarm triggered in power off situation.

**Sizes (W x H)**

- Min : 2000mm X 2000mm
- Max : 6000mm X 6000mm

Hormann is committed to highest standards of safety, performance, and quality. Our Fire Rolling Shutters are tested to internationally recognized standards at Warrington - UK. They are tested to withstand extreme conditions for longer durations to ensure complete safety to life and property.





**Available**  
Choose as per your requirement

**RAL COLOURS**



Oyster White RAL 1013



Light Grey 7035



White Aluminium 9006



Traffic Red 3020



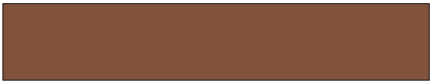
Window Grey 7040



Grey Aluminium 9007



Sky Blue 5015



Clay Brown 8003



Pure White 9010



Distant Blue 5023



Chocolate Brown 8017



Traffic White 9016



Moss Green 6005



Cream 9001

**Wood Finishes**



Modern Walnut 115



Cherry Oak 116



Dark Mahogany 118



Natural Teak 120



Moorish Teak 123



Rose Wood 124

- All fire Doors are available in RAL and Wood Finishes.
- Fully Glazed Doors are available in RAL colours only.
- Fire Rolling Shutters are available in RAL 9002 on the exterior and soft grey inside.



Mumbai Airport



Delhi Airport



Leela Hotel Chennai



ITC Chola



AIIMS



IIT Hyderabad



Delhi Metro



Tata Medical Center

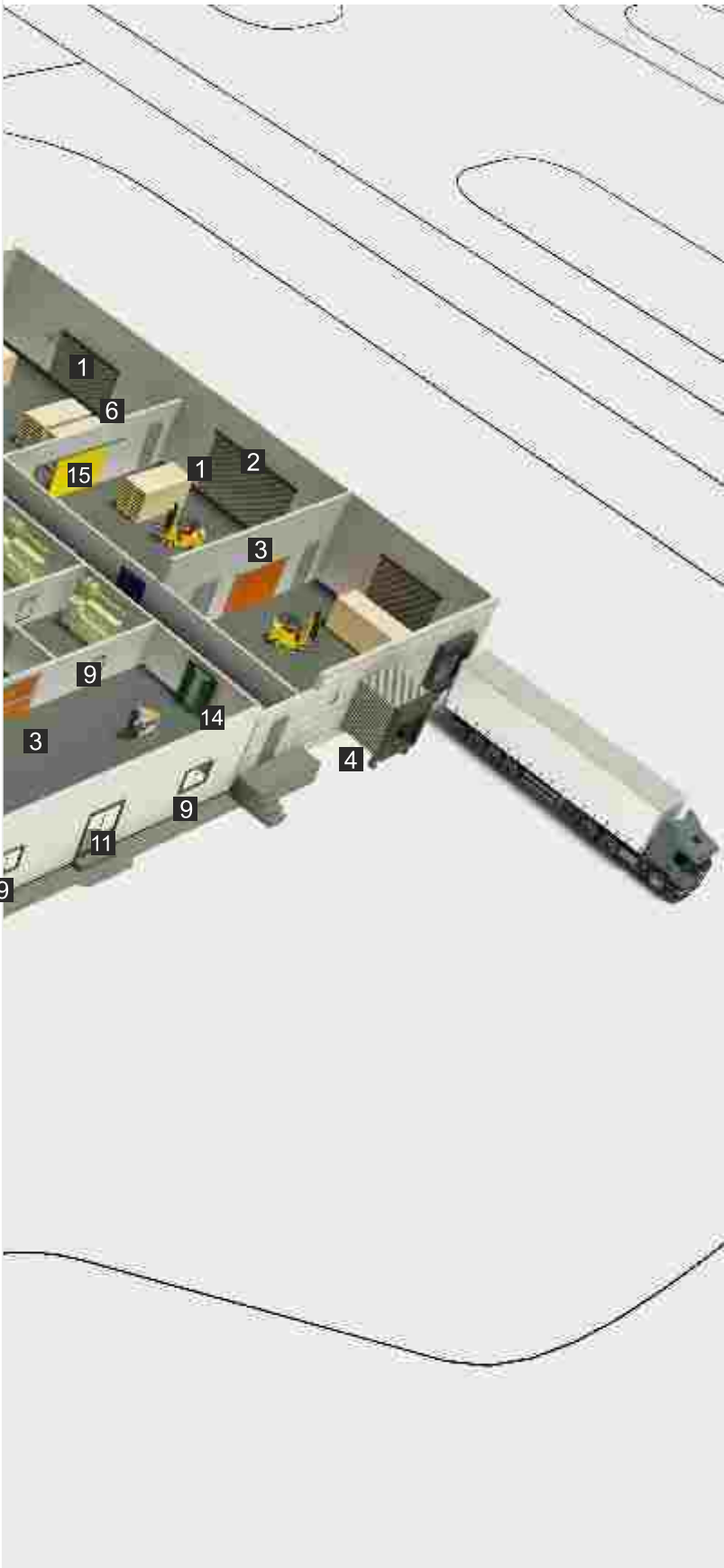




**Hörmann Product Range**  
Everything from a single source for your construction project







Sectional Door



Rolling Shutter & Rolling Grill



High-speed Door



Loading Technology



Steel & Stainless Steel Sliding Door



Steel & Aluminium Multi-function Door



Stainless Steel Door



Steel Cleanroom Door



Double Glazed Window



Emergency Exit Door



Fully Glazed Fire Door



Gaintech Door



Collective Garage Door



PortaMatic Swng Door



Automatic Sliding Door



# Towards a sustainable future

Caring for the environment and society



Indian Green Building Council  
Greening India since 2001



## ECO-CONSCIOUS

At Hörmann, we believe in playing our role in contributing towards a sustainable tomorrow. We support energy conservation, green revelation and eco-friendly products. More than 60% of the power requirement at our production facility is fulfilled by our own solar power unit. Our factory and products are certified by Indian Green Building Council and are Platinum rated.\*

## CORPORATE SOCIAL RESPONSIBILITY

Every time we achieve a little, we build a doorway to help others. The guiding principle is to improve the quality of the society and the environment that sustains us, and create a sustainable well-being.

As a socially responsible company, we have set aside 2% of our net profit every year to build a better community, help the unprivileged and contribute for the greater good of the planet.





**Pan-India presence**

Powered by a strong network for sales, distribution and service





**Hörmann: Quality without compromise**



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



Hörmann KG Eckelhausen, Germany



Hörmann KG Freisen, Germany



Hörmann KG Ichtershausen, Germany



Hörmann KG Werne, Germany



Hörmann Alkmaar B.V., Netherlands



Hörmann Legnica Sp. z o.o., Poland



Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon LLC, Burgettstown PA, USA



Shakti Hormann, India



**GARAGE DOORS**

**OPERATORS**

**INDUSTRIAL DOORS**

**LOADING EQUIPMENT**

**HINGED DOORS**

**DOOR FRAMES**



**Shakti Hormann Pvt. Ltd.**

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Telangana India

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E: [sales@shaktihormann.com](mailto:sales@shaktihormann.com)

[www.shaktihormann.com](http://www.shaktihormann.com)



**An ISO 9001:2008 certified company**