



Fire Door Program

IS, BS and UL

FD 60

FD 90

FD 120

FD 180

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.



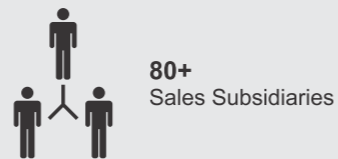
30 Countries
Worldwide



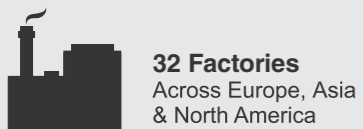
6000+
Strong Workforce



20 Million+
Doors Delivered



80+
Sales Subsidiaries



32 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 Glazed 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.



Clarity through marking

Marked for excellence

THINGS TO KNOW ABOUT OUR PRODUCT MARKING:

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



Unique customer order no. for easy tracking and identification

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



Fire rating

Testing standard

Unique serial no. provided for easy tracking

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



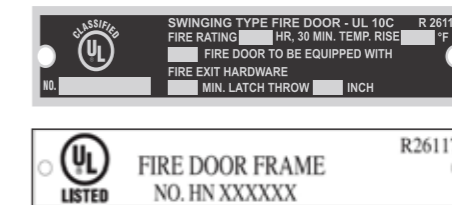
Certifire file no. that can be tracked online

Fire rating

Unique serial no. provided and audited by the certification body



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



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

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

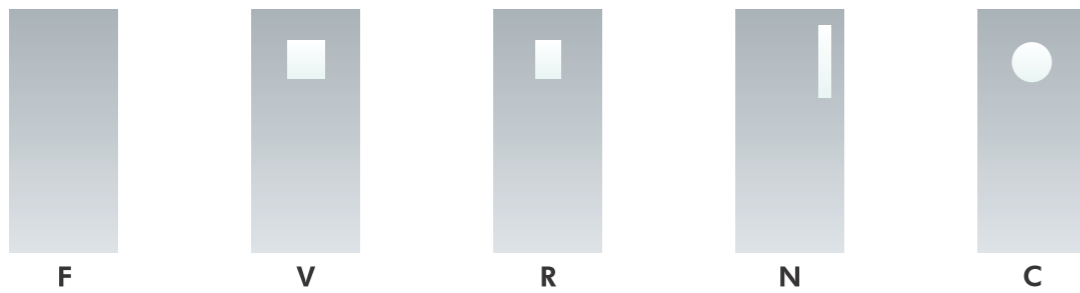
- Available in galvanised or stainless steel.
- Label doors for 45, 60, 90, 120 and 180 minutes.
- Clear vision lite for up to 120 minutes fire rating.
- Groove frame profile for air tight sealing.
- Factory prepped to receive all types of hardware.
- High aesthetic and robust structure.
- Easy to install on a flush wall opening & dry wall partitions.
- Factory finished for primer and paint finishes.

Single Source

- Hörmann advises frame, door shutters and hardware from one source



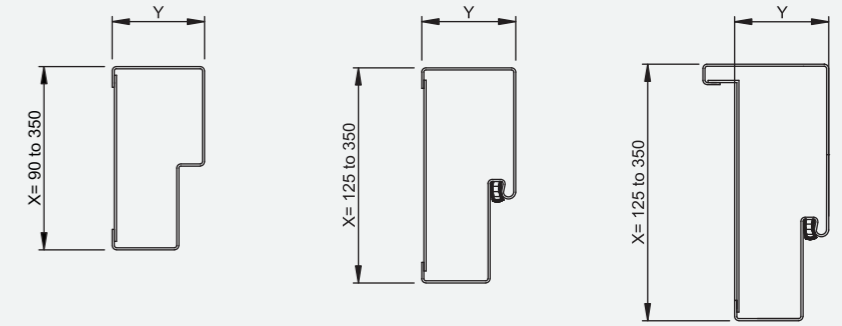
Door Elevations



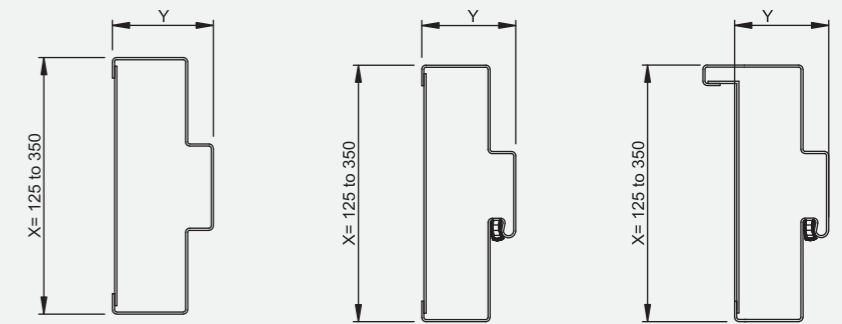
- Elevations shown above are standard
- Vision panel sizes are based on fire rating as per latest IS Standard.

Uninsulated frame profile

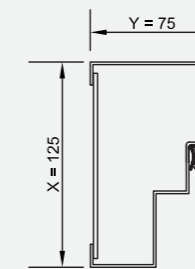
Single Rebate



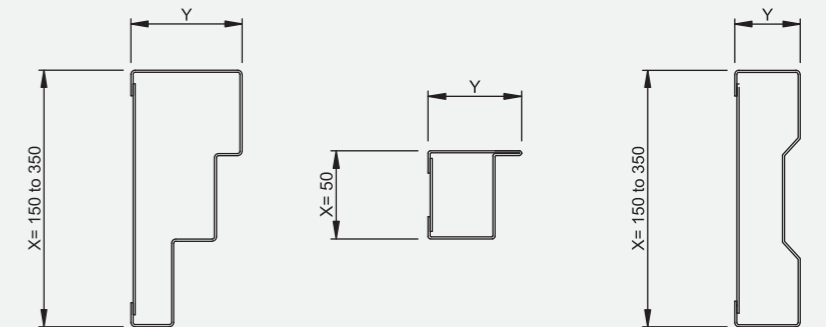
Double Rebate



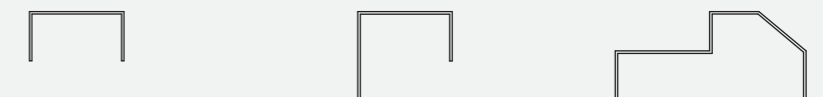
Insulated frame profile



Special Profiles



Thresholds



Variants

- Mitre joint
- Butt joint
- Welded

Options

- Architrave on one side
- Architrave on both sides

Sheet Thickness (Profile Depth)

- Upto 150 mm - 1.2 mm
- 151 & above - 1.6 mm

Frame Depth


- Max : 350 mm
- Min : 50 mm

Standard frame profile

- Insulated Door - 125 x 75 mm
- Un-Insulated Door - 125 x 55 mm

Fire rated EPDM gasket

- EPDM gasket for fire rated

Insulated fire doors are available with  mark, BIS Licenses to use as standard mark.



Fire rated door as per IS3614:2021
Tested to IS/ISO 3008 & IS/ISO 834-1


Insulated Fire Door

Uninsulated Fire Door

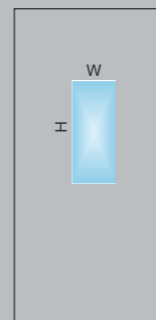


*Insulation criteria for
max 30 min. as per
the standard



Insulated fire doors are available with
 mark, BIS Licenses to use
as standard mark.

Glass Dimensions



Type of Door	Max Width in mm	Max Height in mm	Max Area in Sqm
Un-insulated Door	400 (height 300)	800 (width 150)	0.12
Insulated Door	200 (height 300)	400 (width 150)	0.06

Infill

UN - INSULATED



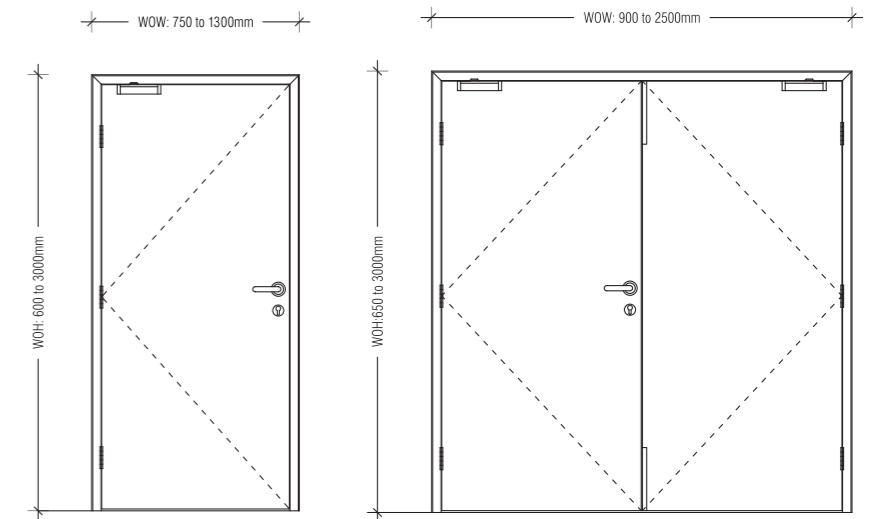
Honeycomb

INSULATED

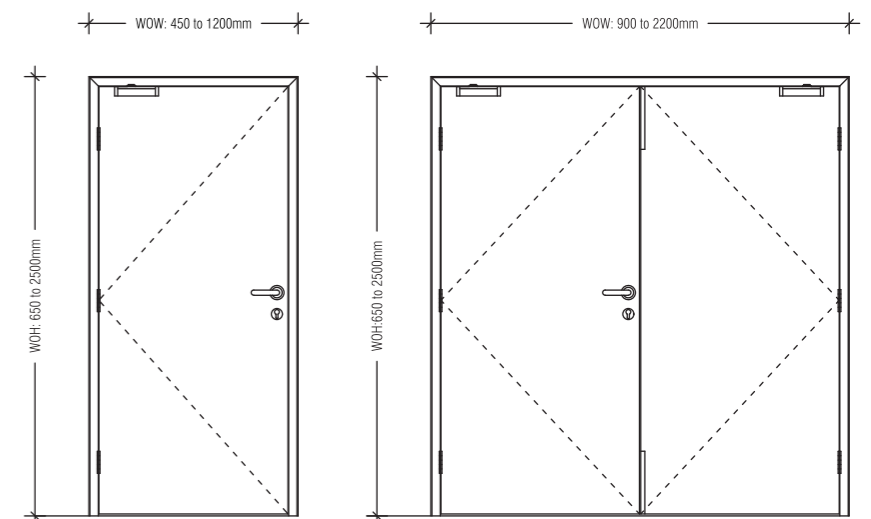


Mineral Wool

Fire Door - Uninsulated



Fire Door - Insulated



WOW = Wall Opening Width
WOH = Wall Opening Height



BS label doors as per BS 476, Part 20&22

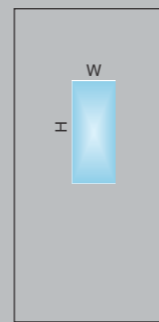
FD 60

FD 120

Un Insulated Fire Door

dB

Glass Dimensions



Type of Door	Max Width in mm	Max Height in mm	Max Area in Sqm
Un-insulated Door	400 (height 300)	800 (width 150)	0.12

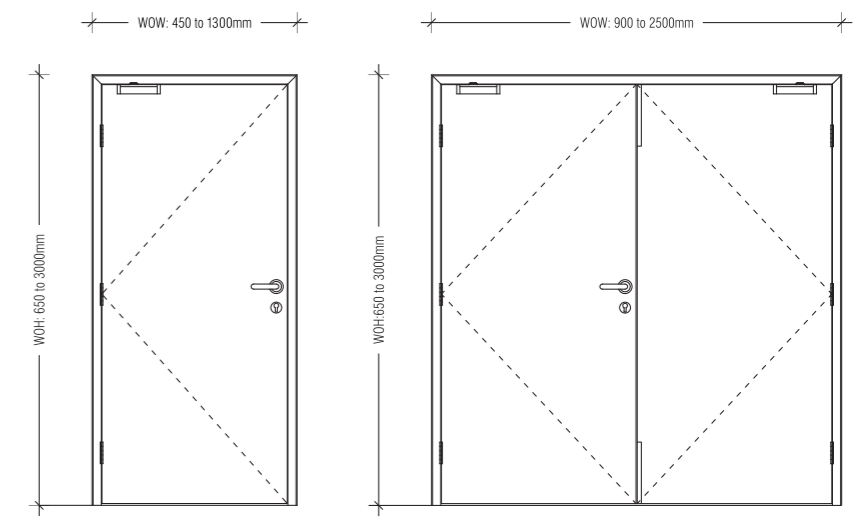
Infill

UN - INSULATED

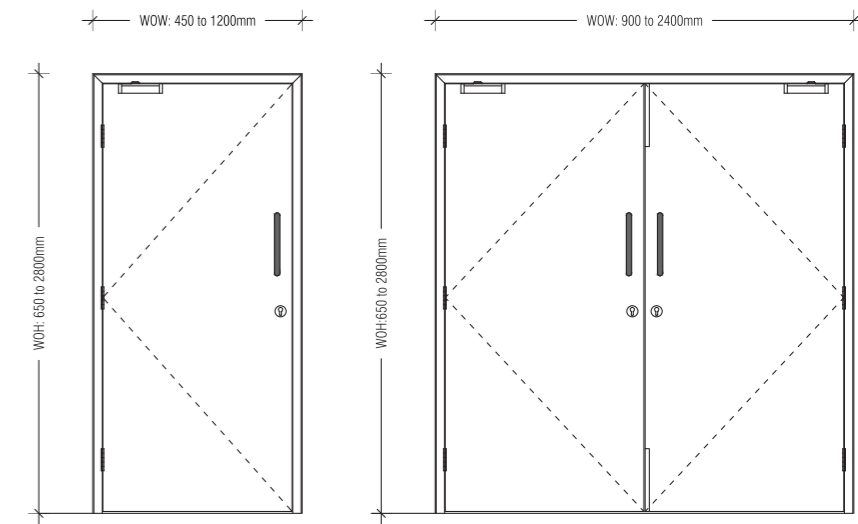


Honeycomb

Latched Fire Door



Unlatched Fire Door



WOW = Wall Opening Width
WOH = Wall Opening Height



UL label doors as per NFPA 80, NFPA 252, & UL10C

FD 45

FD 60

FD 120

FD 180

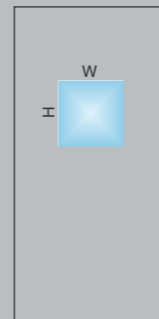
Temperature Rise

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

dB

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

Glass Dimensions



Max Width	250 mm
Max Height	250 mm

Max area should not exceed 100 Sq. Inches

Infill

Non Temperature Rise



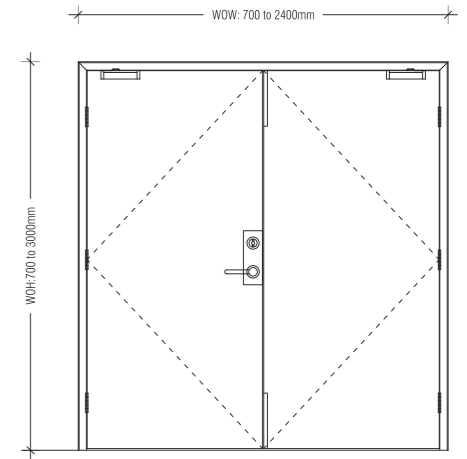
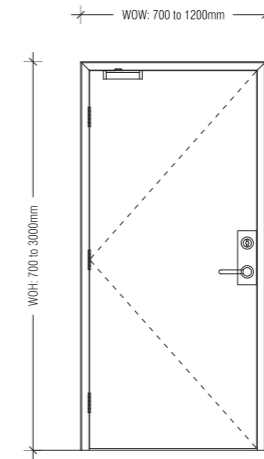
Honeycomb

Temperature Rise

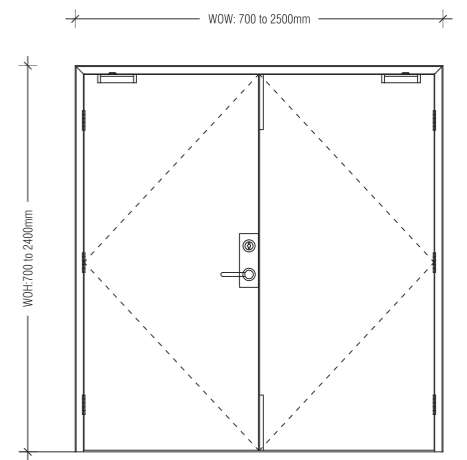
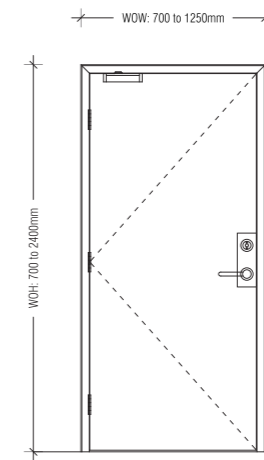


Mineral Wool

Non - Temp. Rise Doors



Temp. Rise Doors



WOW = Wall Opening Width
WOH = Wall Opening Height



Glazed doors tested as per IS 16947

T120

Insulated Glazed Door
with 30 mins insulation

T180

Un-Insulated Glazed Door

Options

- With Transom
- With side Glazing
- With fixed Glazing

- Integrity (E) - 120 Minutes
- Insulation (EI) - 30 Minutes
- Radiation (EW) - 120 Minutes

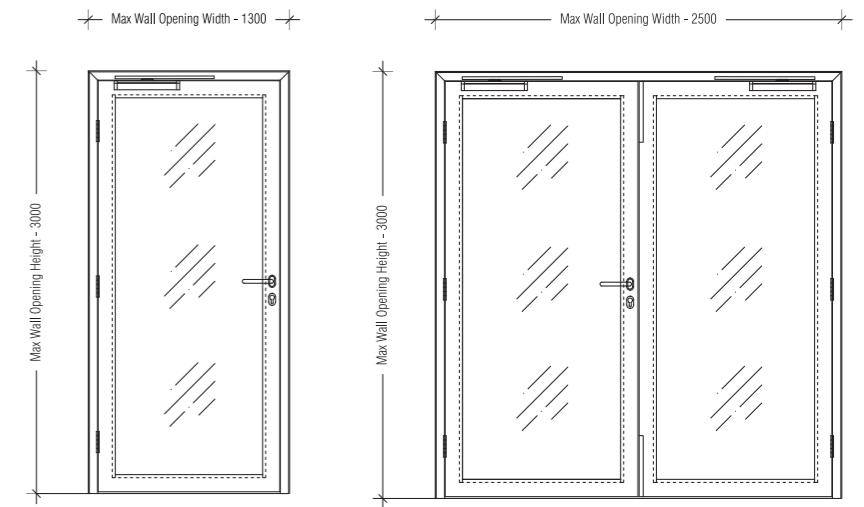
Frame Profile

- 120 x 60 mm

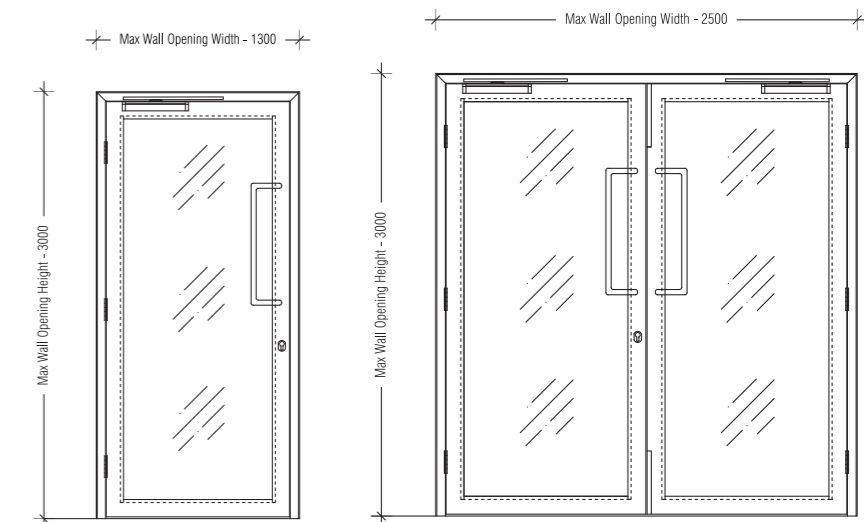
Shutter Profile

- 85 x 60 mm
- 100 x 60 mm
- 120 x 60 mm

Latched



Un Latched



WOW = Wall Opening Width
WOH = Wall Opening Height



**Fire Rated Rolling Shutters
as per BS 476 Part 22**

FD 120

FD 180

FD 240

Slats

- 0.8 mm to 1.2 mm 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 50 mm X 50 mm X 5 mm 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 : 2000 mm X 2000 mm
- Max : 6000 mm X 6000 mm

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.



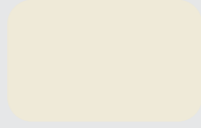
RAL COLOURS



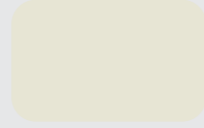
RAL 9010
PURE WHITE - (STD)



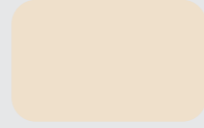
RAL 9016
TRAFFIC WHITE - (STD)



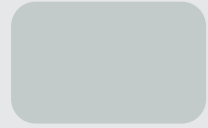
RAL 9001
CREAM - (STD)



RAL 9002
GREY WHITE - (STD)



RAL 1013
OYSTER WHITE - (STD)



RAL 7035
LIGHT GREY - (STD)



RAL 7040
WINDOW GREY - (STD)



RAL 5023
DISTANT BLUE - (STD)



RAL 5015
SKY BLUE - (STD)



RAL 3020
TRAFFIC RED - (STD)

- 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



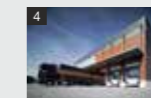
Sectional Door



Rolling Shutter & Rolling Grill



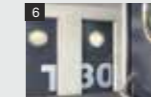
High-speed Door



Loading Technology



Steel & Stainless Steel Sliding Door



Steel & Aluminium Multi-function Door



Stainless Steel Door



Steel Clean Room Door



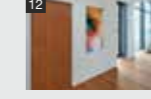
Double Glazed Window



Emergency Exit Door



Fully Glazed Fire Door



GRAINTEK® Door



Collective Garage Door



Automatic Swing Door



Automatic Glazed Sliding Door



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.*

Our Presence in India



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.





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 Ichttershausen, 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



Hyderabad Plant, India



Jaipur Plant, India

RESIDENTIAL DOORS | COMMERCIAL DOORS | INDUSTRIAL DOORS | LOADING BAY TECHNOLOGY | PERIMETER CONTROL SYSTEMS



Shakti Hormann Pvt. Ltd.

H.No.2-67/1, Gagillapur, Dundigal Municipality,
Medchal (Malkajgiri) District – 500 043.
Telangana, India

E: sales@shaktihormann.com
www.shaktihormann.com

+91 81422 36677



Platinum Rated Green Facility

