



Doors for Healthcare Systems

All-in-one specialist solutions

HÖRMANN



Creating a safer and more comfortable medical environment

Hörmann is one of the world's leading suppliers of doors and gates, with more than 90 years of specialist door production experience. Hörmann has rich project experience in the medical field and offers a complete range of products that create safe and comfortable environments for medical treatment. We research and optimize products to closely meet the needs of the medical environment, both in terms of door fittings and accessories. Hörmann's products are durable, anti-bacterial, light and easy to use. Our products also satisfy the requirements for radiation-proof, barrier-free and fire-proof environments. Hörmann strives to develop new products to create a comfortable and safe medical environment for patients, family and medical professionals.

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The professional solution for medical treatment system doors

Modern treatment environment requires all-in-one specialist solutions



Doors for wards



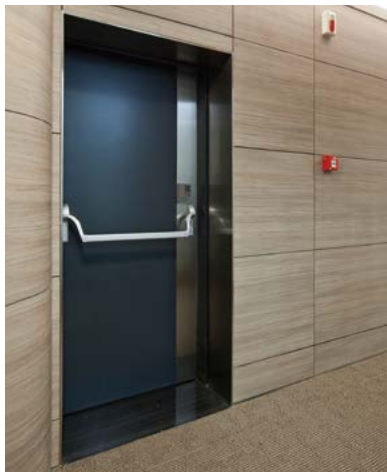
Doors for clinics



Doors for functional rooms



Doors for offices



Doors for public areas



Accessible equipment

01 Doors for clinics and wards



Since medical staff enter and exit clinics and wards frequently, doors in these areas see high use. Hörmann offers two carefully selected **light, durable** doors fitted with good-quality hardware so that they are reliable and operate smoothly. Not only does this fully satisfy the various requirements of clinics and wards, it also brings a comfortable and safe treatment experience to medical staff and patients.



2-202
诊室208
Consulting Room 208

2-2-207

2-2-208



Steel interior door ZK-

Smooth door operation

Clinics and wards are the sites visited most often by medical staff, patients and family. It represents a hospital's medical environment and humanity. Clean environments and appropriate equipment help patients to relax and are beneficial for pain and stress relief.

Design Highlights

- Maximum 1350 mm structural opening width of single-leaf door ensures extra wide clear passage width for the convenience of moving clinical beds in and out.
- The maximum opening height of the door can reach 3000 mm, it can also be equipped with single-skinned top panel as needed to meet an harmonious appearance of modern hospitals.
- Good sealing design, acoustic and thermal insulation allow easier maintenance of patient privacy.
- Good quality hardwares are designed by German engineering. Some even go through a 200,000-cycle durability test, ensuring long-lasting service life.
- Master key system and key alike cylinder are available for an easy way of graded management.
- Different glazing and louver are available for satisfying lighting, visual inspection and ventilation.
- Flush or rebated door leaves can be chosen to meet specific requirements.
- German-style adjustable Vario frames are available. It can be flexibly adjusted on frame depth to compensate a deviation on wall thickness within -10 to +25 mm, presenting better wall-wrapping effect.



Super wide opening with Decograin surfaces.



Doors with single-skinned top panel.

Technical Parameters	ZK-
Leaf thickness	40 mm
Leaf steel sheet thickness	0.6 / 0.8 mm
Frame steel sheet thickness	1.5 mm
Infill	high-strength honeycomb paper
Acoustic insulation*	31 - 33 dB
Thermal insulation*	2.4 - 3.0 W / (m ² ·K)
Air tightness*	Class 8 for ZKS (according to GB/T 7106-2019)
Optional fittings	Door operator, glazing, plastic louver, protection plate, etc.
Structural opening size (max. W × H)	ZKS Single-leaf door: 1350 × 2500 mm / 1300 × 3000 mm Double-leaf door: 2500 × 2500 mm / 2300 × 3000 mm ZKD Single-leaf door: 1300 × 2500 mm Double-leaf door: 2500 × 2500 mm

* The values were tested when the door is fitted with threshold with seal.



Equipped with VarioFrame / MultiFrame

A practical and highly efficient systematic solution for steel interior door ZK-

In public construction projects such as hospitals, office buildings and schools, a wrap-wall design is mostly considered for door frame installation, sometimes top panels above the lintel up to the ceiling in the same surface are also integrated to create a unified and harmonious appearance.

However, in a real construction site, construction deviations on wall thickness is inevitable, which makes this harmonious appearance more difficult to achieve: if you order all door frame depth according to the designed wall thickness, you may find the frame depth bigger or smaller than real wall thickness during installation afterwards; If you order all door frame depth according to the real measured wall thicknesses, it will not only heavily affect the project progress, but also face an awkward situation: thousand door openings have hundreds of wall thicknesses, and thus you have to order doors with hundreds of frame depth correspondingly.

Hörmann adjustable frame is a systematic solution to consider for above situations. *VarioFrame / MultiFrame* is consist of a main frame and a sub frame. During installation, the position of the sub frame can be adjusted according to the real wall thickness, to achieve the ideal wrap-wall effect. In addition, adjustable frame can also be combined with integrated top panel to create a harmonious appearance for your interior decoration.

Flexible adjustment on frame depth

Adjustable frame is a systematic solution to compensate wall thickness deviations. It consists of a main frame and a sub frame. The position of the sub frame can be adjusted flexibly according to the real wall thickness, to achieve the ideal wrap-all effect for most walls with a thickness from 90 to 380 mm.

High efficient installation on site

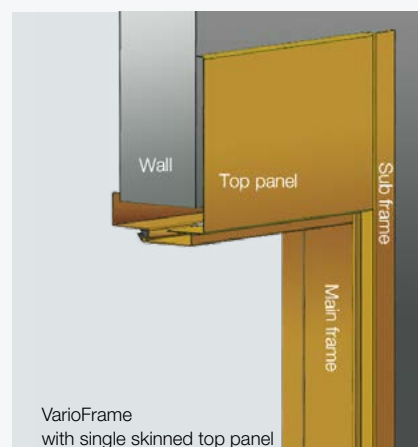
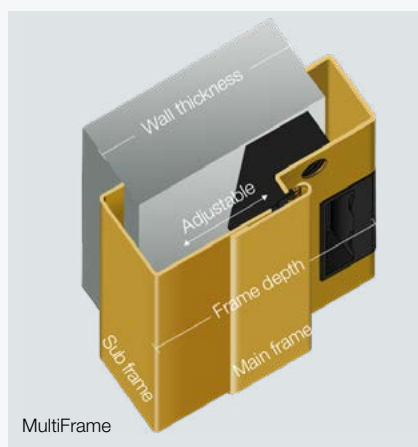
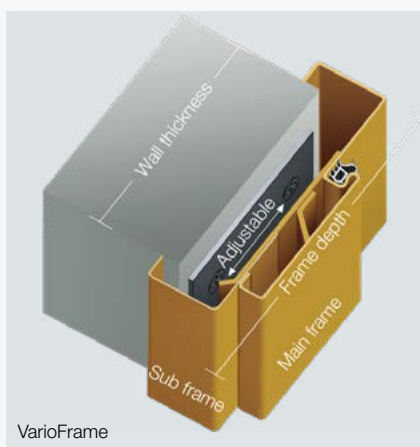
MultiFrame can be fitted on the finished wall easily by fitting method type A with self-tapping screw and PU Styrofoam. There is no welding and no damage to the wall structure.

Bigger clear passage width

Wrap-wall design of adjustable frame can offer wider clear passage width (W-90 mm), which is very important for door openings with limited space.

Single skinned top panel for decoration

For a ceiling height up to 3000 mm, single skinned top panel with same surface to door leaf and frame is available, to a unified and harmonious appearance for your interior decoration.



HÖRMANN

 ACCESSIBLE



Steel manual sliding door HT / HT40

Smooth operation, greater safety

Hörmann steel sliding doors are designed for accessible areas by achieving wider clear passage width. Convenient for the elderly, children and patients in wheelchairs. The door leaf can keep stopping at its maximum opening position. Thanks to the imported suspension system with buffering, the door leaf closes smoothly and quietly with a gentle sliding force, providing medical staff and patients with a sense of comfort.

Design Highlights

- Door leaves are durable, solid and light, the excellent suspension system and bottom guiding roller make opening effortless. No track is required on the floor.
- Horizontal opening without pivoting radius of the door leaf is an ideal solution for interior space saving and barrier-free passageways.
- Good-quality hardware and buffer devices guarantee gentle, quiet, and safe door opening and closing.
- The complete door can be fitted in front of the wall or running within the wall for satisfying different fitting requirements.
- HT40 adopts a top locking bolt to achieve the indoor locking. No door frame is required.
- Choose from powder-coated surfaces in a variety of colors and Decograin surface to easily match diverse decorative styles.
- Single-leaf door can reach a max. opening width of 1500 mm, so that double-leaf door can reach max. opening width 3000 mm, fully satisfy wide passageway requirements.



Equipped with seamless glazing with frosted glass, and plastic louver



Air damping for gentle running



Recessed SUS handle and knob with red / green indicator for top locking

Technical Parameters	HT	HT 40
Leaf thickness	30 mm	40 mm
Leaf steel sheet thickness	0.6 / 0.8* mm	0.6 / 0.8* mm
Frame steel sheet thickness	1.5 mm	1.5 mm (Flat frame as option)
Infill	Honeycomb paper	Honeycomb paper
Optional glazing	Aluminum frame glazing	Seamless glazing
Structural opening size (max. W × H)	Single-leaf door: 1500 × 2500 mm Double-leaf door: 3000 × 2500 mm	Single-leaf 1300×2900 mm -

* As for HT, when structural opening width of single-leaf door >1200mm or structural opening width of double-leaf door >2350 mm, 0.8 mm sheet is applied. As for HT40, when structural opening width of single-leaf door >1040 mm or structural opening height >2440 mm, 0.8 mm sheet is applied.

02 Treatment room doors



In treatment rooms, since different functions have different spatial requirements, differing requirements are also presented for the environment and facilities such as doors and windows.

- **Cleanroom doors:** Suitable for sterile cleanrooms, the smooth surface facilitates cleaning and disinfecting, effectively inhibiting bacterial growth.
- **Electric hermetic sliding doors:** Suitable for operating rooms and anesthesia rooms, highest air tightness grade (Class 8) per GB/T 7106-2019.
- **Tubular electric sliding doors - Hermetic:** Motorized operation with multiple opening modes, ensuring smooth access and large-scale transparent visibility. Applicable to ICUs, hermetic sealing integrated with antimicrobial protection.



处置室

办公室

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Steel clean room door HCR 50

Smooth and flush design for strict cleanliness requirements.

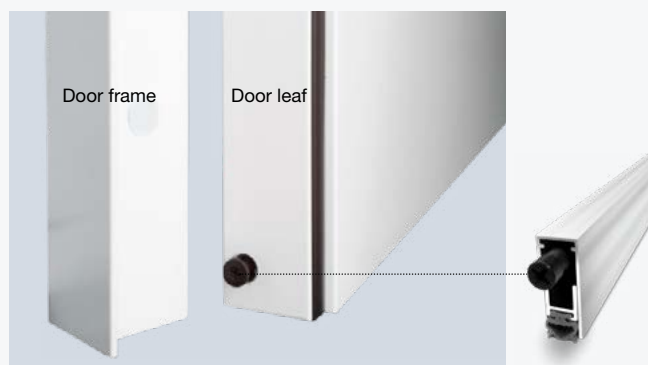
For disposal rooms, laboratories and other locations with high cleanliness requirements, Hörmann steel clean room doors can be fully integrated into your clean systems, thanks to the high-precision production technology and fitted sealings around the door. These designs ensure reliable air tightness and make it an energy-saving solution for constant air pressure, humidity of the clean room.

Design Highlights

- Compatible with 50 mm thick cleanroom wall thanks to its 50 mm door leaf thickness and 50 mm frame depth. Both sides of the door are flush with the cleanroom wall when closed.
- Standard for seamless treatment on door leaf and frame, making its surface smooth and neat look.
- PVC chambered sealing on three sides of door leaf, optionally with retractable bottom sealing, contribute to better sealing performance around the door.
- Excellent compatibility with hydrogen peroxide used for disinfection, not easy to corrosion and aging.
- Seamless glazing without frame is available. The glazing is flush with the door leaf, making cleaning a cinch.
- Optional anti-bacterial coating provides you with an environmentally friendly solution to inhibit bacterial growth.



Smooth and seamless design throughout the entire door



Retractable bottom sealing is a wise option for clean room with pressure differences.

Technical Parameters	HCR 50
Leaf thickness	50 mm
Frame depth	50 mm
Leaf steel sheet thickness	0.6 / 0.8 mm
Frame steel sheet thickness	1.5 mm
Infill	High-strength honeycomb paper / mineral wool (optional).
Acoustic insulation	33 dB
Thermal insulation	2.4 - 2.5 W / (m ² ·K)
VOC emissions	According to ISO 16000-9-2006, VOCs undetected, Formaldehyde 0.01 mg/(m ² ·h), TVOC 0.04 mg/(m ² ·h)
Air tightness	Class 8 (according to GB/T 7106-2019)
Structural opening size (max. W × H)	Single-leaf door 1200 x 2500 mm Double-leaf door 2300 x 2500 mm
Optional fittings	Seamless glazing, retractable bottom sealing, elbow-lever handles, door operator PortaMatic, door closer, etc.

* The test results apply to HCR 50 equipped with retractable bottom sealing.

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operation

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HORMANN



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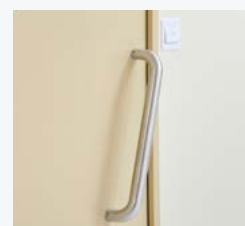
Steel electric hermetic sliding door HTE 50H

Safe and convenient to meet the requirements of operating room doors

Pay attention to “fine” section, be endowed with higher air-tight function of electric sliding door, with a full set of electronic control system and safety protection system. A special door type tailored for aseptic and pressure difference areas, such as hospital operating room, aseptic monitoring ward and anaesthesia room. Better air tightness can bring you lower operating costs.

Design Highlights

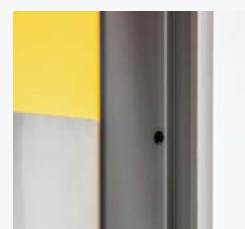
- The double sealing design of the door leaf and frame matches with the unique sinking & internal pushed track, which brings better air tightness effect and the detection data far exceed the national standard grade 8 requirements.
- Over 2 million cycle opening and closing service life, no trouble brings less costs.
- The door leaf opens and closes quickly, and can provide two doors “interlock” functions just for locking every piece of clean air for you.
- Optional antibacterial coating can prevent cross infection.



HOE 150 handle set



Non-contact switch



Photocell



Foot switch

Technical Parameters	HTE 50H
Certification	GB/T 41659-2022
Air permeability*	Class 8 (the highest class)
Durability	≥ 2,000,000 cycles
Door leaf thickness	50 mm
Acoustic-rated	32 dB
Infill	Mineral wool
Opening speed	25 - 50 cm/s adjustable
Closing speed	25 - 50 cm/s adjustable
Structural opening size	Single-leaf door 1500 × 2500 mm
Max. (W×H)	Double-leaf door 1800 × 2500 mm

* In accordance with GB/T 7106-2019



SIEMENS



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Tubular Glass Electric Sliding Door HTG 50 - Hermetic

Large range of visibility and transparency for patient observation

Special treatment areas, such as ICUs, place more demands on clinical observation, ease of access, quietness and stability. The tubular glass electric sliding doors feature German-imported steel profiles and large-sized tempered glass, ensuring a robust structure that also allows clear visibility into patient rooms for convenient monitoring by medical staff at all times. Embedded shock-absorbing rubber strips within the door guide rails ensure smooth and quiet door operation, preserving a peaceful resting environment for patients.

Design Highlights

- Steel tubular profiles bring the door leaf a slim yet sturdy structure. The connections of tubular profiles are seamlessly polished for a smooth and flush look.
- The adoption of brushless DC motors and noiseless drive rail system ensures gently opening and closing, and low-noise operation. With an automatic rebound function upon obstruction and infrared protection photocell, bringing pedestrians a safe and pleasant passage experience.
- The concealed guide wheel under door leaf contribute to smooth opening and closing, enhancing the overall concise appearance.
- Max. door width is up to 1500 mm for single-leaf door and 3000 mm for double-leaf door, facilitating easy passage for patients and equipment.
- Foot switch, non-contact switch, infrared radar, and remote control are available for convenient and smart door opening.
- The double sealing design of the door leaf and frame matches with the unique sinking & internal pushed track, which brings better air tightness effect and the detection data far exceed the national standard grade 8 requirements.



Noiseless suspension



Photocell



Non-contact switch



Foot switch

Technical Parameters	HTG 50 - Hermetic
Certification	GB/T 41659-2022
Air permeability*	Class 8 (Single-leaf, the highest class), Class 7 (Double-leaf)
Durability	≥ 2,000,000 cycles
Door leaf thickness	50 mm
Standard glass	6 mm single layer transparent tempered glass
Opening speed	25-55 cm/s adjustable
Closing speed	25-55 cm/s adjustable
Structural opening size	Single-leaf door 1500×3000 mm
Max. (W×H)	Double-leaf door 3000×3000 mm

* In accordance with GB/T 7106-2019.

03 Administration and office doors



The spacious and well-lit office environment help employees to relax, contributing to higher workplace efficiency as well quality. Good **thermal** and **acoustic** insulation characteristics can create a safe and comfortable workspace. Good-quality hardware ensures a long service life for the door elements.

天津磁莱代谢医院
医生办公室





2-2-743

2-735
健康教育
Health Education Room

消火栓
FIRE HYDRANT
火警119
FIRE ALARM 119
消火栓
FIRE HYDRANT

出口

Steel multi-purpose door HHS

Rich surfaces and fittings, wide range of applications

Quiet, comfortable office environment helps to improve workplace efficiency. Durability and flexible configurations make Hörmann steel multi-purpose doors ideal for hospitals.

Design Highlights

- The door frame has unique R-groove with embedded multi-chamber hollow seal, which is soft and resistant to aging, improving the seal between the door leaf and frame.
- The door leaf can be optionally filled with mineral wool to ensure better thermal and acoustic insulation.
- Equipped with SUS flush bearing hinge, oil-free design, prevent oil leakage and lubrication deficiencies for a durable, clean workspace.
- Optional imported security cylinders, master-key cylinders, and key-alike cylinders are available to achieve high security and hierarchical management.
- Different Decograin and colorful powder coating surfaces can be selected to match different design styles.



Electric strike

Electric strike is fitted into the locking plate to achieve the access control function. It can be easily controlled by a push button, card reader, or code switch.



Technical Parameters	HHS
Certification	50 mm
Leaf steel sheet thickness	0.6 / 0.8 mm
Frame steel sheet thickness	1.5 mm
Infill	High-strength paper honeycomb / mineral wool
Acoustic insulation *	34 dB
Thermal insulation *	1.8 W / (m ² ·K)
Air permeability *	Class 8
Wind load resistance *	Class 7 (Single-leaf), Class 5 (Double-leaf)
Water tightness *	Class 5
Optional fittings	Glazing, louvers, top/side elements, electric strike, door closers, smart locks, retractable bottom seal, etc.
Structural opening size (max. W × H)	Single-leaf door Galvanised steel 1500 x 3000 mm; Stainless steel 1450 x 3000 mm. Double-leaf door Galvanised steel 2850 x 3000 mm; Stainless steel 2800 x 3000 mm

* The performance characteristics were tested when HHS was filled with mineral wool and fitted with threshold with seal.

* In accordance with GB/T 7106-2019



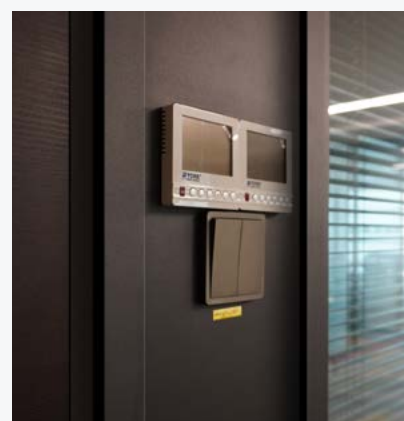
Partition wall HPW-Pro

Effectively divide offices into bright spaces

Steel partition wall HPW-Pro features slim but sturdy steel frames with transparent tempered glass, better balancing space segmentation and interior lighting. It creates relatively private and bright environment with relaxing working atmosphere. Partition wall can be installed and combined easily without changing building's structure, thus being a preferred solution for dividing open indoor spaces.

Design Highlights

- Available for single-layer and double-layer tempered glass in different thicknesses, as well as ultra-white glass with higher light transmittance.
- The steel frame width from front view is only 45 mm, which looks slim and succinct for larger area of transparent glass, but actually solid and durable for daily use.
- Nearly 200 powder-coating RAL colors are available for steel frames.
- Frames are fitted independently one unit after another on site, so that an extra-long partition wall can also be installed easily with high efficiency.
- The partition wall can also be fitted together with steel interior door ZKS to meet the passage requirements of the partition space. Up to 8 combination styles can flexibly meet diverse space design needs.



Partition wall HPW-Pro can be designed in the straight line style, L-shaped corner style or R-shaped corner style.

Optional electric panel beside the door for electrical wiring.

Technical Parameters	Glass Partition HPW-Pro
Frame steel sheet thickness	1.5 mm
Glass type	Tempered glass / ultra-white tempered glass
Tempered glass thickness	6 mm / 10 mm / 6 + 6 mm / 10 + 10 mm
Optional fittings	Steel electric panel
Structural opening size (max. W × H)	Max. height 3000 mm
	No limitation on max. width
	Max. size of each unit: 1500 × 3000 mm

04 Public passage doors



Safety, convenience and **durability** are key requirements for public passages. Hörmann's goal is to provide accessible transportation for people with limited mobility, to provide staff and patients with reliability as well as safety.





Steel fire-rated door

Innovative technology to ensure better fire resistance

Both for fire zones and for emergency exits, as well as for important laboratories and protected wards, fire-proof safety is very important. Selecting qualified fire-rated doors is extremely important when dealing with the possibility of fires.

Design Highlights

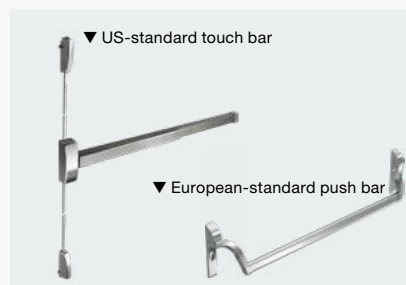
- All Hörmann fire-rated doors are authenticated by voluntary Fire Product Certification, in accordance with GB 12955.
- Door leaves are filled with fireproof board, ensuring exceptional fire protection; safe and environmentally friendly.
- Door leaves and frames are equipped with fireproof expansion sealing strips. When fires break out, they effectively prevent the fire and smoke from spreading, creating valuable time for escape.
- Nano-silica composite tempered fireproof glass ensures both fire-rated and heat insulation while bringing light through. It features high impact and bending strength.
- Standard with reinforced SUS hinges. Its load bearing capacity meets the highest level requirement of Grade 14 according to EN 1935.
- Anti-panic bar, electromagnetic door stopper and other related optional accessories are available to easily facilitate escapes, evacuations, fire central control and other functions.



Door closer with arm



Door closer with sliding rail

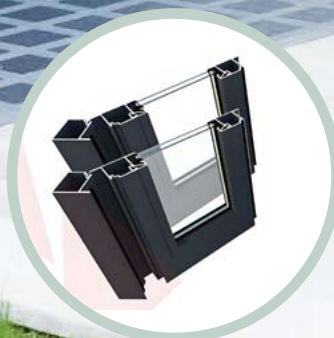


Anti-panic bar

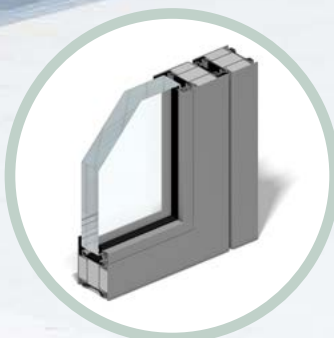
Technical Parameters	HC 90N	HC 90NL	HC 90XL	HC 60N	HC 60XXL	HC 30N	
Fire resistance and heat insulation time	90 min	90 min	90 min	60 min	60 min	30 min	
Leaf thickness	62 mm	62 mm	70 mm	62 mm	72 mm	62 mm	
Leaf steel sheet thickness	0.8 mm	0.8 mm	1.0 mm	0.8 mm	1.0 mm	0.8 mm	
Frame steel sheet thickness	1.5 mm	1.5 mm	2.0 mm	1.5 mm	2.0 mm	1.5 mm	
Infill	High-quality fire-proof board						
Acoustic insulation **	36 dB	-	-	36 dB	-	36 dB	
Thermal insulation **	1.9 W/(m ² ·K)	-	-	1.9 W/(m ² ·K)	-	1.9 W/(m ² ·K)	
Airtightness **	Level 8	-	-	Level 8	-	Level 8	
Wind load resistance **	Level 7 for HC90N-1 Level 5 for HC90N-2	-	-	Level 7 for HC60N-1 Level 5 for HC60N-2	-	Level 7 for HC30N-1 Level 5 for HC30N-2	
Optional fittings	Fire-proof glazing*, anti-panic bar, retractable bottom seal, electromagnetic door stopper, etc.						
Structural opening size (max. W × H)	Single-leaf	1100 x 2400	1500 x 3000	-	1100 x 2400	-	1100 x 2400
	Double-leaf	2100 x 2400	Galvanized steel 3000 x 3000 Stainless steel 2900 x 3000	4000 x 4000	2100 x 2400	4600 x 5000	2100 x 2400

* Glazing is not available for HC 60XXL.

** The value of acoustic insulation, thermal insulation, air impermeability and wind load resistance were tested when the door is fitted with threshold with seal, in accordance with GB/T 7106-2019.



H60 steel tubular



H70 steel tubular

Steel tubular door and partition system

Safe and solid, combining aesthetics and safety

Steel tubular profiles processed by cold formed and state-of-the-art equipment have much higher stability and durability performance ratings than aluminum tubular profiles. It also boasts a higher melting point in an attractive design. Steel tubular door and partition wall system can not only widely fit into various passages and office areas as space division, but also can be applied in fire protection area.

Design Highlights

- Steel tubular profiles are strong and slim.
- More than 100 powder coating colors are available without any surcharge based on RAL color. The fluorocarbon protection coating is also a good option for better weather resistance.
- Glazing with tempered glass or fireproof glass provides light and better visibility.
- This product is available in 4 types: standard, thermal-insulated, fire-rated, as well as an combination.
- Single and double-leaf doors, as well as partition wall system can be flexibly combined to satisfy the design and functional requirements.
- Designed for large openings. The maximum size of single-leaf doors can reach 1.5 x 3 m, whilst for double-leaf doors, it can reach 3 x 3 m.



H60, H70
Standard / thermal insulated
Steel tubular doors

H60 and H70 steel tubular doors are made of H60 and H70 steel tubular profiles, and can be combined with top light or side elements, used for both internal and external applications. Sturdy profiles equipped with large transparent glass bring you a bright visual experience.



H55E60, H70EI60, H70EI90
Fire-rated and heat insulated
Steel tubular doors

H55E60 is made of H55 steel tubular profiles and equipped with double layer fire-proof glass, certified in 60 min. fire resistance test in accordance with GB12955-2008.

H70EI60/90 is made of H70 steel tubular profiles and equipped with triple layer fireproof glass, meeting dual requirements of 60/90 min fire resistance and heat insulation at the same time, in accordance with GB12955-2008.



HPW-Fire
Fire-rated and heat insulated
Partition system

HPW-Fire is made of specialized steel tubular profiles, highlighted with only a 45 mm profile width from the front view, aesthetically slim yet sturdy. It is certified in both 60 min. fire resistance and heat insulation test. It can be combined with H70EI fire-rated tubular doors to create a fire-rated compartment with transparency.



Steel Tubular Doors and Partition System

High-quality hardwares guarantee reliability and comfort of use



Leaf and frame of steel tubular doors are sturdily connected by welded galvanized steel 3D adjustable hinges. The hinges match the same color coating to leaf and frame for a unified appearance.



Door closer with arm / sliding rail and concealed door closer are all available, providing proper closing force for doors in full size range. Simple installation, and long service life.



Ergonomic-designed crank handles are available. It is safe and comfortable to hold, effectively avoiding accidental injury to fingers.



Narrow lock set for tubular doors, safe and secure.



Technical parameters of steel tubular doors

Door code	H60	H55E60	H70	H70EI60	H70EI90	HPW-Fire
Profile depth	60 mm	55 mm	70 mm	70 mm	70 mm	Frame depth 120 mm
Product series	Standard	60 min. fire-rated	Thermal insulated	60 min. fire-rated and heat insulated	90 min. fire-rated and heat insulated	60 min. fire-rated and heat insulated
Standard glass	6 mm single layer tempered glass	14 mm double layer fire-proof glass	25 mm double layer tempered glass	25 mm triple layer fire-proof glass	34 mm triple layer fire-proof glass	22 mm double layer fire-proof glass
Optional glass	10 mm single layer tempered glass; 8 mm single layer sandwich glass; 25 mm double layer tempered glass	-	-	-	-	-
Application	Internal / external use	Internal use	Internal / external use	Internal use	Internal use	Internal use
Structural opening size (Max. W x H)	Single-leaf door 1500 x 3000 mm	Single-leaf door 1500 x 3000 mm	Single-leaf door 1500 x 3000 mm	Single-leaf door 1500 x 3000 mm	Single-leaf door 1500 x 3000 mm	Max. height 3000 mm; No limitation width; Max. size of each unit: 1500 x 3000 mm;
	Double-leaf door 3000 x 3000 mm	Double-leaf door 3000 x 3000 mm	Double-leaf door 3000 x 3000 mm	Double-leaf door 3000 x 3000 mm	Double-leaf door 3000 x 3000 mm	
Max. size of side element	3000 x 3000 mm	Unavailable	3000 x 3000 mm	Unavailable	Unavailable	-
Max. size of top element	3000 x 1000 mm	Unavailable	3000 x 1000 mm	Unavailable	Unavailable	-

Note: i. Dimensions in above table are opening dimensions and width x height (W x H).

ii. Fire-rated series products are tested according to Chinese standard GB12955-2008.

iii. HPW-Fire fire-rated partition system can be combined with Hörmann tubular doors according to functional and design requirements.

iv. Top light/side element is temporarily unavailable for fire-rated products, please consult if required.



Informational text and QR codes on the left wall.



Tubular glass electric sliding door HTG 50 - Standard

Automatic opening and closing for easier passage with good visibility

The main entrances of hospitals experience large and high-frequency traffic, which puts forward higher requirements for the efficient, fast, safe and reliable passage of the opening. The HTG features a fully transparent appearance, automatic and stable door operation, and intelligent detection. These make it a wise choice for both main building entrances and internal passageways.

Design Highlights

- The adoption of imported steel tubular profiles and large-sized tempered glass bring the door a sturdy structure and brightness.
- Automatic door opening in a sliding motion and automatic door closing with timer function. There is no need for pivoting radius space of door leaf.
- Brushless DC motor, noiseless drive rail system, and concealed guide wheel under door leaf are as standard for smooth and quiet operation.
- With an automatic rebound function upon obstruction and optional infrared protection photocell, the dual safety guarantee brings pedestrians a safe and pleasant passage experience.
- Infrared radar or microwave radar can be optionally equipped for detect pedestrians.
- Double-leaf doors can achieve a maximum opening width of up to 3000 mm.
- Available with tubular side lights on both sides for larger and wider entrance openings.



Equipped with tubular side lights on both sides.



Infrared radar for detecting pedestrians and automatically opening.

Technical Parameters	HTG 50 - Standard
Certification	GB/T 41659-2022
Durability	≥ 2,000,000 cycles
Door leaf thickness	50 mm
Standard glass	6 mm single layer transparent tempered glass
Opening speed	25-55 cm/s adjustable
Closing speed	25-55 cm/s adjustable
Structural opening size	Single-leaf door 1500×3000 mm
Max. (W×H)	Double-leaf door 3000×3000 mm



Door operator PortaMatic

Gentle automated opening and closing

Hörmann PortaMatic operator can be used on interior wooden or steel doors. With only a gentle press of the hand transmitter or push button on the wall, automated opening or closing of the door can be achieved. Opening and closing is convenient, providing ease of use and safety into one solution.

Design Highlights

- Integrated LED illumination ensures your safety in dark environments.
- Multiple control modes such as automatic, impulse and semi-automatic can be selected.
- Simple fitting, convenient to connect.
- Can be fitted with BiSecur wireless remote control, ensuring long-distance door opening, closing and query functionality.



Technical Parameters	PortaMatic
Dimensions (W x H x D)	560 x 60 x 78 mm
Weight	2.9 kg
Rated power	Max. 0.15 kW
Standby consumption	Approx. 1 W
Opening angle	Maximum 115°
Service life /cycles per day (open/close)	200,000 / 600
Structural opening width	710 to 1200 mm
Structural opening height	Up to 2300 mm
Applicable door types	ZK-, HCR50 (for single-leaf door or active leaf)
Fitting option	On the door frame / on the wall

* The result are sourced from the internal laboratory of the AST factory in Germany, the test conditions are for automatic operation in a normal use environment.



Full range of colors for you



Bright colors and real natural wood simulation finish is helpful in creating a warm atmosphere, making people feel more happy and comfortable.

Powder Coating Surface

The smooth appearance of coating provided by the advanced powder coating process gives the steel doors a superb appearance. We offer a wide spectrum of nearly 200 colors to bring different atmospheres. 58 classic colors are specially recommended to help match various design styles more easily and quickly.

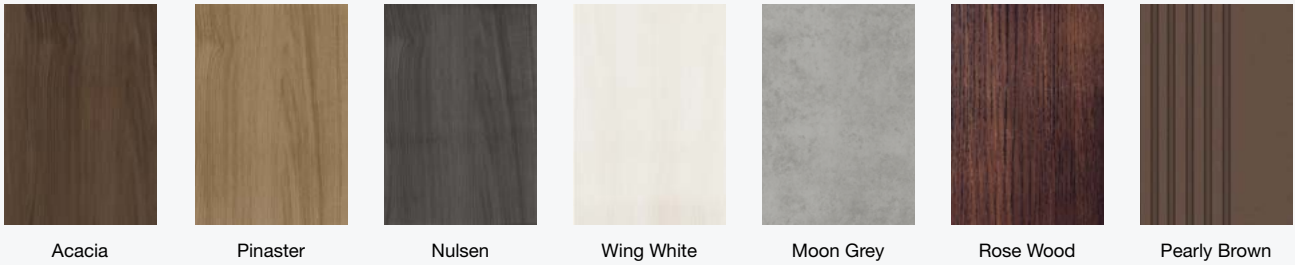
										
RAL 1001	RAL 1002	RAL 1013	RAL 1014	RAL 1015	RAL 1019	RAL 1032	RAL 3018	RAL 5002	RAL 5003	RAL 5005
										
RAL 5009	RAL 5010	RAL 5012	RAL 5013	RAL 5015	RAL 5019	RAL 5021	RAL 5022	RAL 5024	RAL 6019	RAL 6021
										
RAL 6027	RAL 6034	RAL 7000	RAL 7001	RAL 7004	RAL 7005	RAL 7012	RAL 7015	RAL 7016	RAL 7022	RAL 7024
										
RAL 7032	RAL 7033	RAL 7035	RAL 7036	RAL 7037	RAL 7038	RAL 7039	RAL 7040	RAL 7042	RAL 7043	RAL 7044
										
RAL 7045	RAL 7047	RAL 8004	RAL 8012	RAL 8015	RAL 8025	RAL 8028	RAL 9001	RAL 9002	RAL 9003	RAL 9010
										
RAL 9016	RAL 9017	TD114-5MJ								



More surfaces for your choice

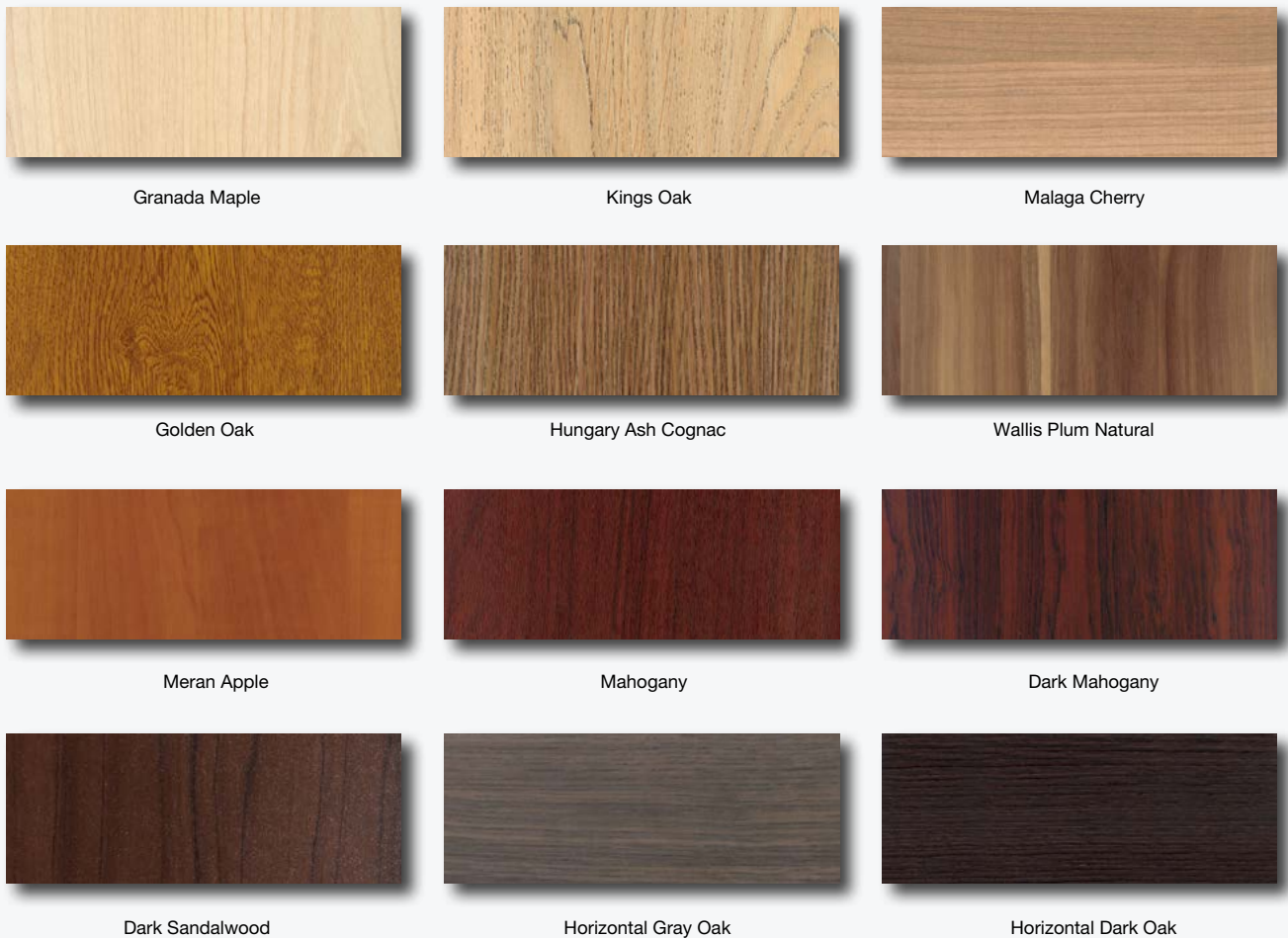
Silkgrain Surface - Range 1

Silkgrain is a new steel sheet surface achieved by advanced 3D print pre-coating technology (PPM), overprinting layer by layer, presenting natural and realistic textures and 3D sense of touch. The surfaces comply with the SVHC testing requirements of REACH regulation, and obtain the environmental certification of RoHS.



Decograin Surface - Range 1 & Range 2

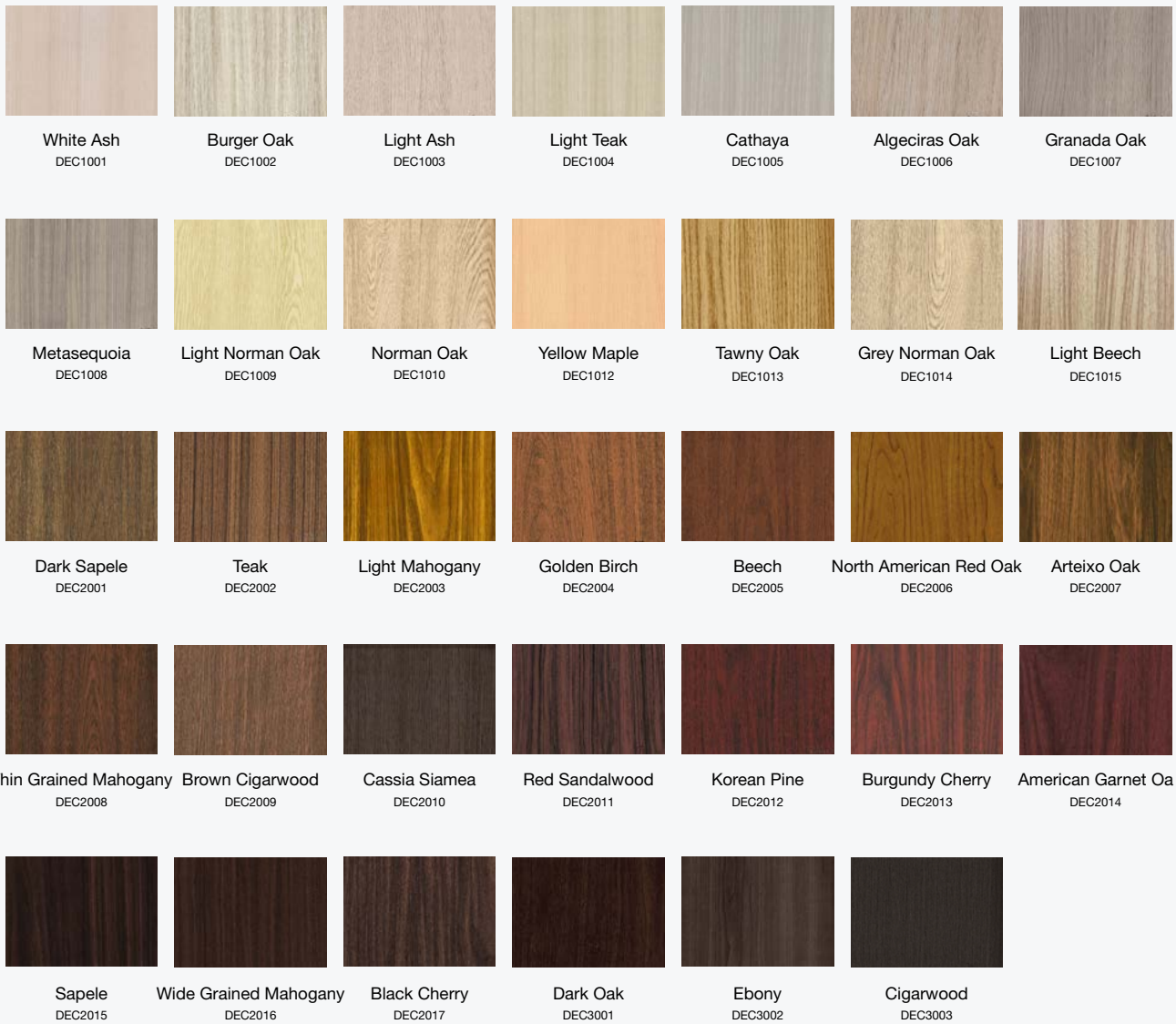
Our good-quality Decograin film is well attached to the galvanized steel sheet of door leaf through an advanced heat pressed procedure. The foil-coated timber designs not only have natural looking appearance, but also are of UV resistant, durable and easy to maintain.



* Colors and surface finishes illustrated are subject to the limitations of the printing process and deviate from the actual effects, cannot be regarded as binding. Please contact Hörmann sales for more details about colors and surfaces.

Decograin Surface - Range 3

Various Decograin surfaces with flexible textures and colors, present natural 3D wood patterns and create a cozy atmosphere. Certified by German SKZ, it guarantees excellent outdoor weather resistance, color fastness, and ease of cleaning and maintenance.



Offering three series of surfaces to fit various design styles.

A01-97A

隔離室

Isolation Room



Glazing, top / side elements, and louver

Glazing

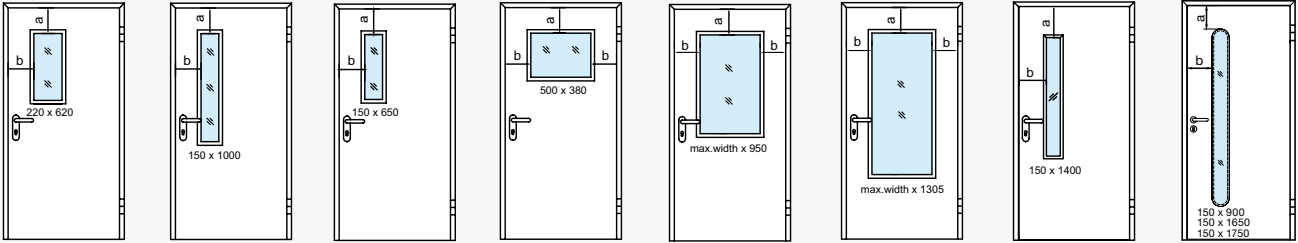


Figure 1 Figure 2 Figure 3 Figure 4 Figure 5 Figure 6 Figure 7 Figure 8

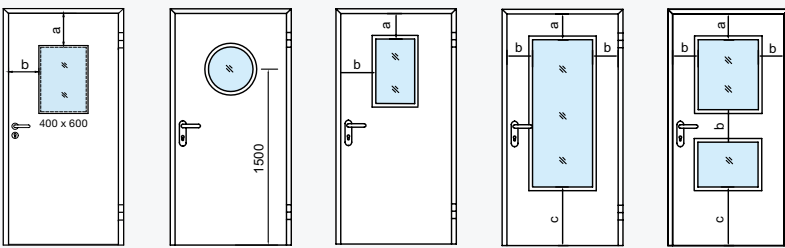


Figure 9 Round glazing Optional glazing 1 Optional glazing 2 Optional glazing 3

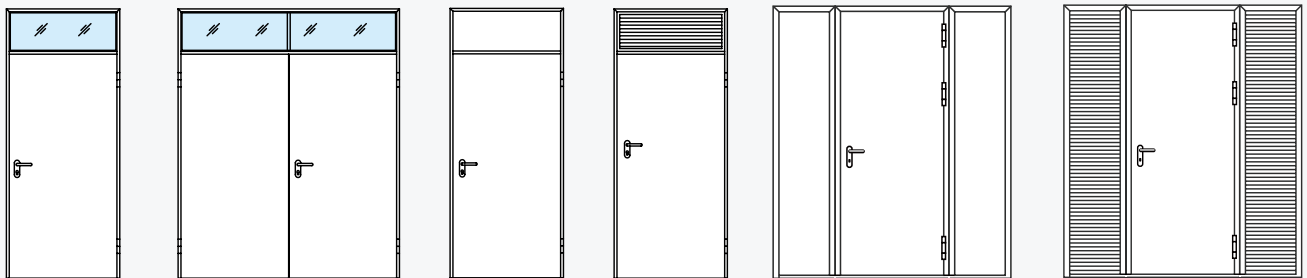
	Structural opening height ≤ 2100 mm	Structural opening height > 2100 mm
a	= 200 mm	= H - 1900 mm
b	≥ 195 mm	≥ 195 mm
c	≥ 400 mm	≥ 400 mm

Round glazing panel' s diameter $\varnothing = 300$ mm
Seamless round glazing panel' s diameter $\varnothing = 400$ mm

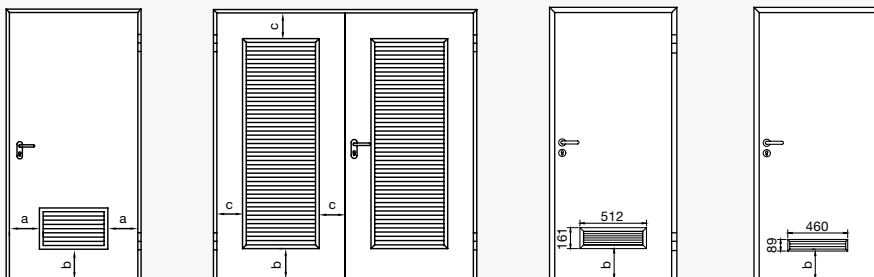
Figure 1, Figure 2, Figure 3, Optional glazing 1 are applicable to HC 90XL, HC 90NL, HC 90N, HC 60N, HC 30N.
Figure 1, Figure 4, Figure 5, Figure 6, Figure 7, Figure 8, Figure 9, Round glazing, Optional glazing 2, Optional glazing 3 are applicable to ZK-.
Figure 1, Figure 4, Figure 5, Figure 6, Round glazing, Optional glazing 2, Optional glazing 3 are applicable to HHS.
Figure 1, Figure 4, Figure 5, Figure 6, Optional glazing 2, Optional glazing 3 are applicable to HT.
Figure 1, Figure 4, Figure 7, Figure 8, Figure 9, Round glazing are applicable to HT40.
Figure 1, Figure 4, Figure 7 are applicable to HTE, HTE-H.
Figure 1, Figure 4, Figure 5, Figure 7, Figure 8, Figure 9 are applicable to HCR 50.

Top light / panel / louver * and side panel / louver

(top elements applicable for HHS, ZK-, side elements applicable for HHS)



Louver on door leaf



Steel louver (Applicable for HHS) Steel louver (Applicable for HHS) Steel louver (Applicable for ZK-) Nylon louver (Applicable for ZK-, HT, HT40)

Please note critical dimensions below when ordering:

- a ≥ 150 mm
- b ≥ 150 mm
- c ≥ 200 mm

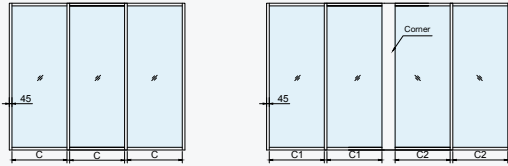
* Mullion shall be applied if the structural opening width exceeds 2500 mm.

Technical Information

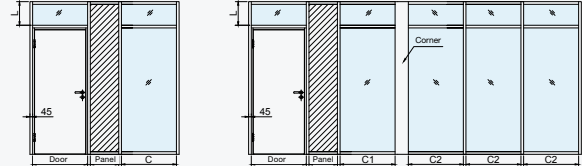
Partition wall HPW-Pro

General style

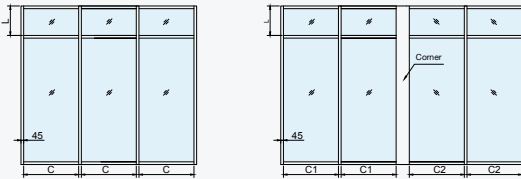
Style A



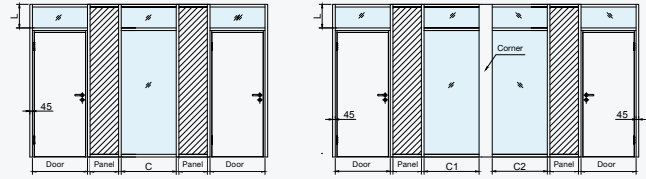
Style E



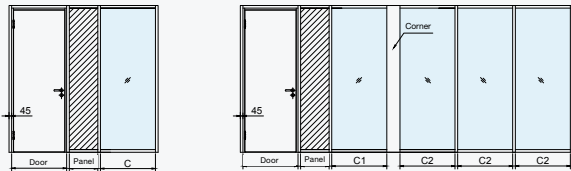
Style B



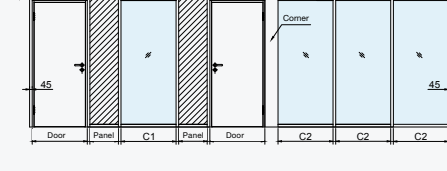
Style F



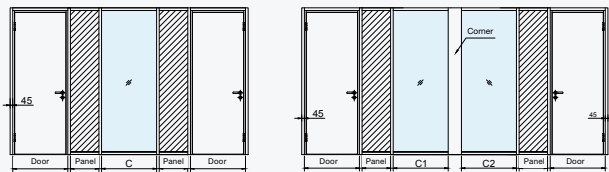
Style C



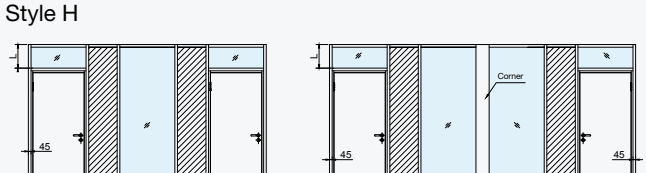
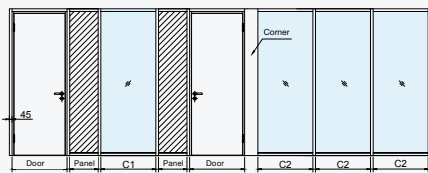
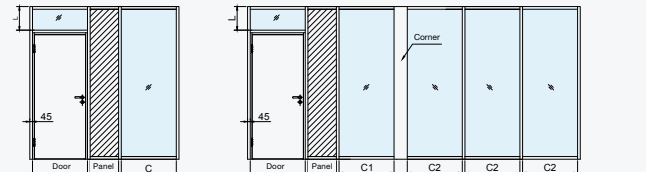
Style G



Style D



Style H

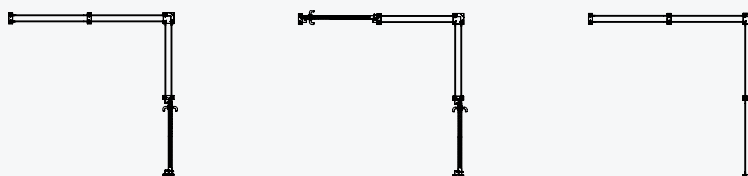


L: the height of top light

C: the width of side partition (each unit C1, C2...)

L-shaped corner style

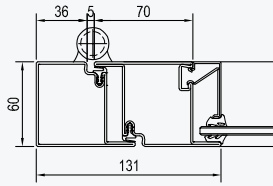
Top view



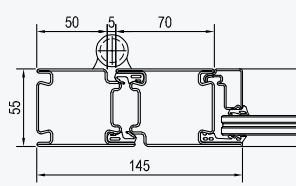
Technical Information

Steel tubular doors and partition wall system

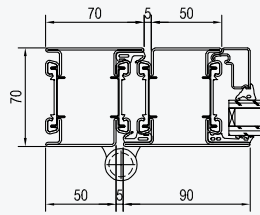
Cross section of steel tubular profile



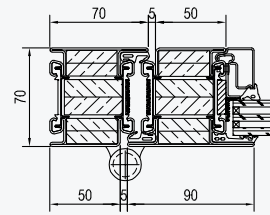
H60
standard product



H55E60
fire-rated product

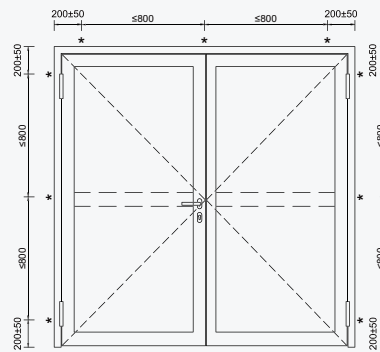
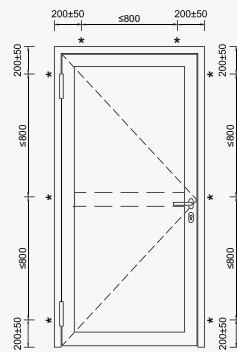


H70
thermal-insulated product



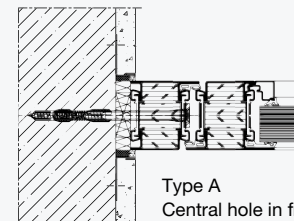
H70EI60/90
fire-rated and heat-insulated product

Position of fixing

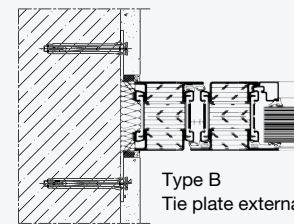


* fitting position.

Type of fixing

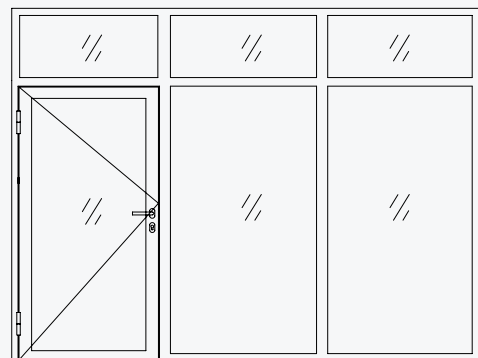
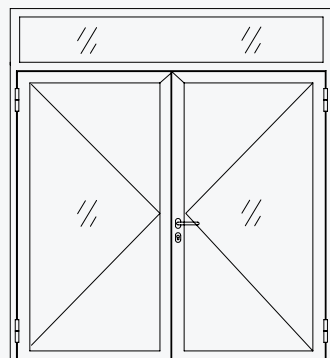
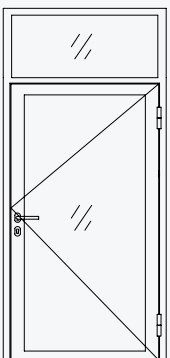
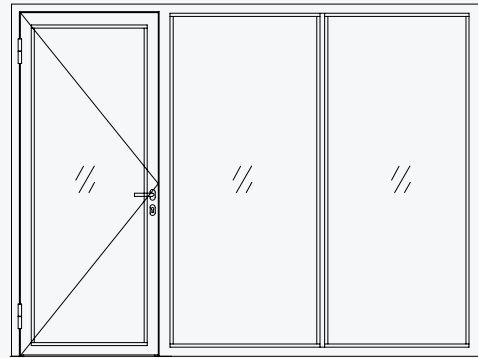
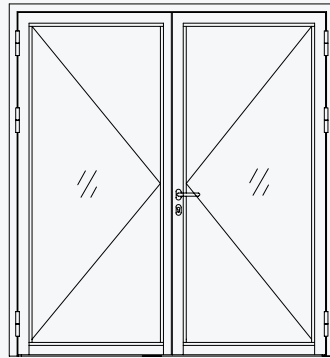
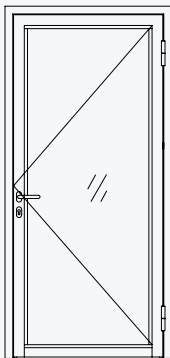


Type A
Central hole in frame



Type B
Tie plate external to frame

General styles of steel tubular door

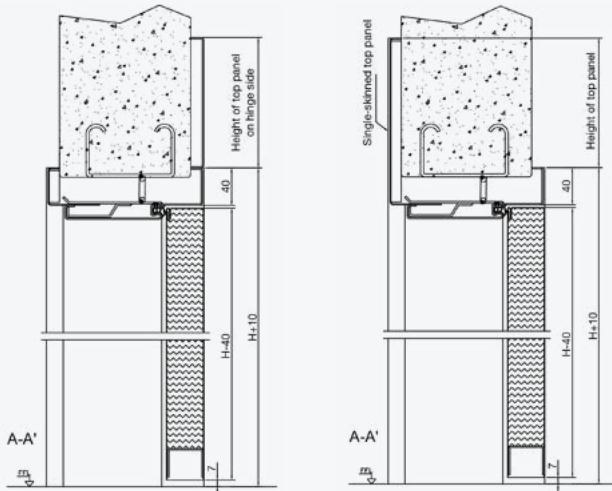


- More combination styles are available on request.
- Top light / side light is temporarily unavailable for fire-rated products, please consult if required.

Technical Information

VarioFrame

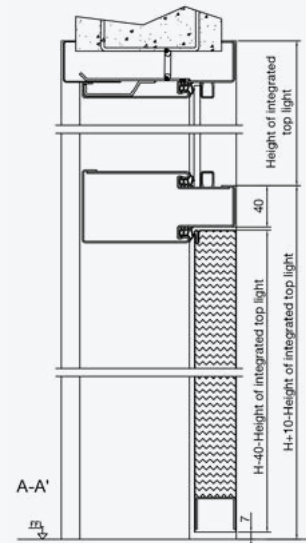
Side view of VarioFrame with single-skinned top panel



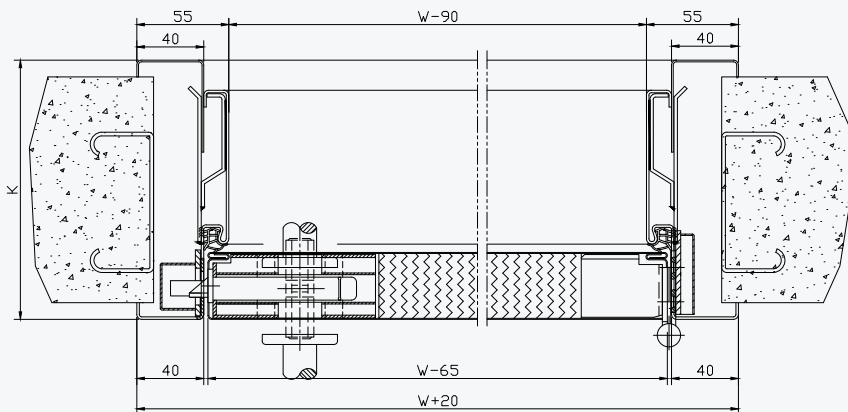
Top panel on hinge side

Top panel on opposite hinge side

Side view of VarioFrame with integrated top light



Vertical view of door with VarioFrame



W: opening width
K: frame depth

Leaf width = $W - 65$ mm
Overall frame width = $W + 20$ mm
Clear passage width = $W - 90$ mm

Designed wall thickness	Back bend = 10 mm		Back bend = 14 mm		Back bend = 20 mm	
	Ordering frame depth	Adaptable range of wall thickness	Ordering frame depth	Adaptable range of wall thickness	Ordering frame depth	Adaptable range of wall thickness
110	---	---	---	---	150	100 - 135
120	---	---	150	112 - 147	160	110 - 145
130	150	120 - 155	160	122 - 157	170	120 - 155
150	170	140 - 175	180	142 - 177	190	140 - 175
200	220	190 - 225	230	192 - 227	240	190 - 225
250	270	240 - 275	280	242 - 277	290	240 - 275
300	320	290 - 325	330	292 - 327	340	290 - 325
360	380	350 - 385	390	352 - 387	400	350 - 385
370	390	360 - 395	400	362 - 397	---	---
380	400	370 - 405	---	---	---	---

Size limitation of doors with VarioFrame	Single-leaf		Double-leaf	
	Min.	Max.	Min.	Max.
Opening width	Min.	700	1000	
	Max.	1300	2500	
Opening Height *	Min.	1600	1600	
	Max.	3000	3000	

* Referring to the total height for the door and top panel.

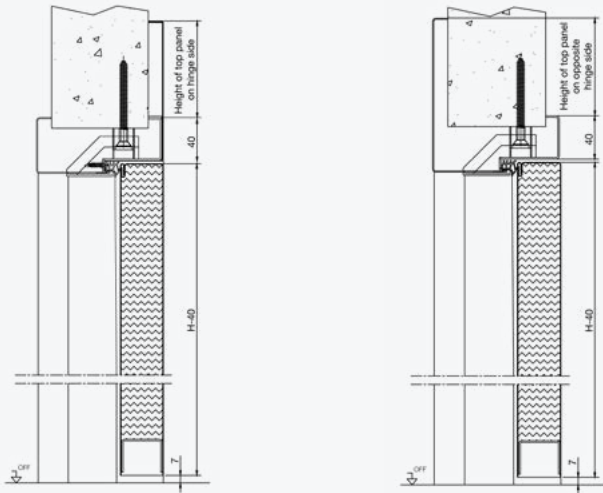
▲ When Decograin surface is selected, the direction of Decograin texture on top beam and single-skinned top panel will be 90° rotated from the direction of Decograin texture on door leaf and vertical frame.

Note: Please order frame depth in 5 mm increment.

Technical Information

MultiFrame

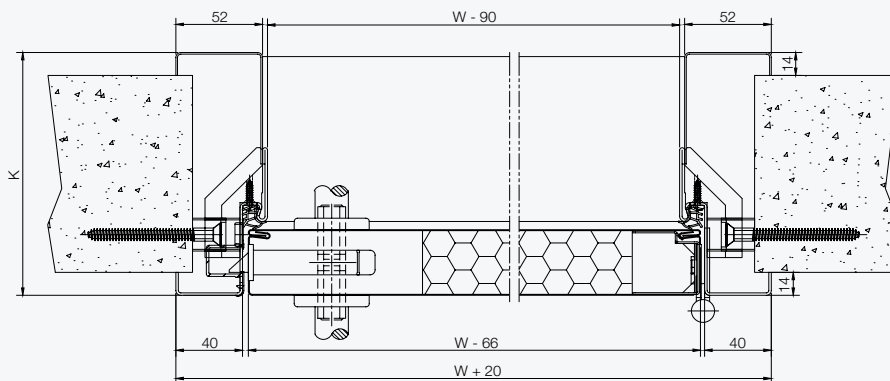
Side view of MultiFrame with single-skinned top panel



Top panel on hinge side

Top panel on opposite hinge side

Vertical view of door with MultiFrame



W: opening width
K: frame depth

Leaf width = $W - 66$ mm
Overall frame width = $W + 20$ mm
Clear passage width = $W - 90$ mm

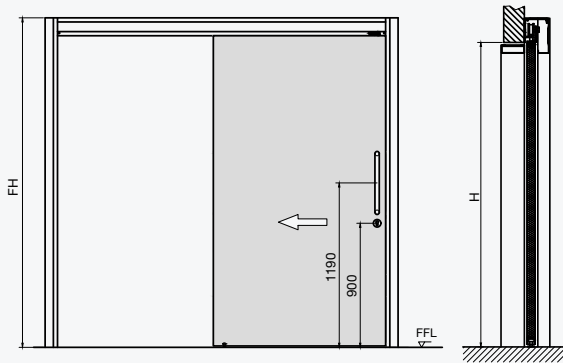
Designed range of wall thickness	Back bend = 14 mm		Designed range of wall thickness	Back bend = 14 mm	
	Ordering frame depth	Adaptable range of wall thickness		Ordering frame depth	Adaptable range of wall thickness
95 - 110	148	90 - 120	246 - 260	298	241 - 270
111 - 125	163	106 - 135	261 - 275	313	256 - 285
126 - 140	178	121 - 150	276 - 290	328	271 - 300
141 - 155	193	136 - 165	291 - 305	343	286 - 315
156 - 170	208	151 - 180	306 - 320	358	301 - 330
171 - 185	223	166 - 195	321 - 335	373	316 - 345
186 - 200	238	181 - 210	336 - 350	388	331 - 360
201 - 215	253	196 - 225	351 - 365	403	346 - 375
216 - 230	268	211 - 240	366 - 380	418	361 - 390
231 - 245	283	226 - 255			

Size limitation of doors with MultiFrame		Single-leaf
Opening width	Min.	700
	Max.	1300
Opening Height *	Min.	1900
	Max.	2500

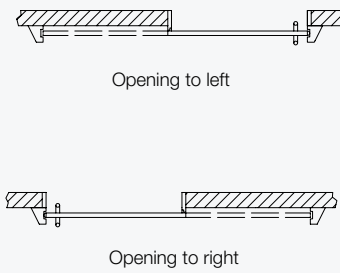
Technical Information

Steel manual sliding door HT

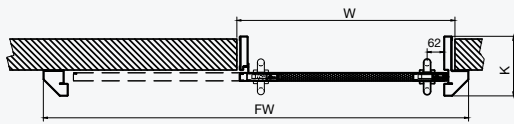
Single-leaf sliding door HT-1



Opening direction of single-leaf sliding door

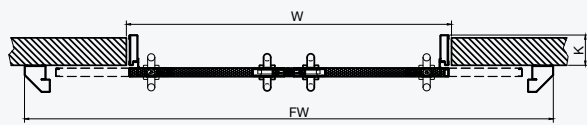
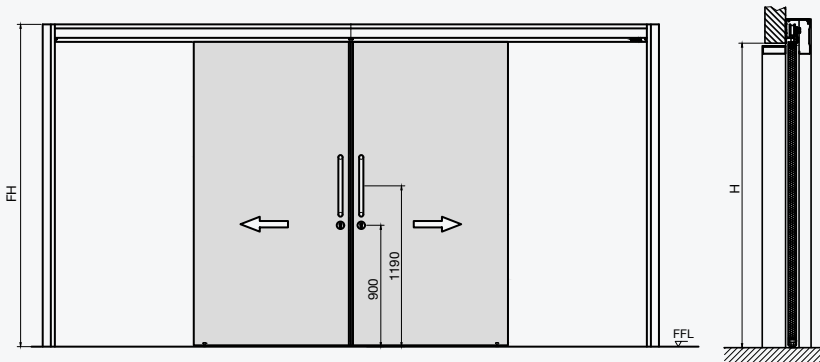


W = Structural opening width
 H = Structural opening height
 FW = Overall frame width
 FH = Overall frame height
 K = Frame depth



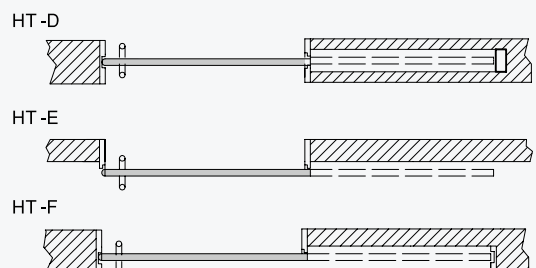
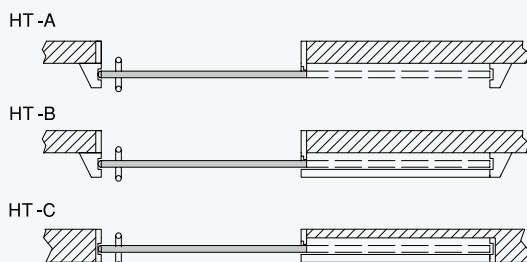
Single-leaf section

Double-leaf sliding door HT-2



Double-leaf section

Structural types of manual sliding door HT

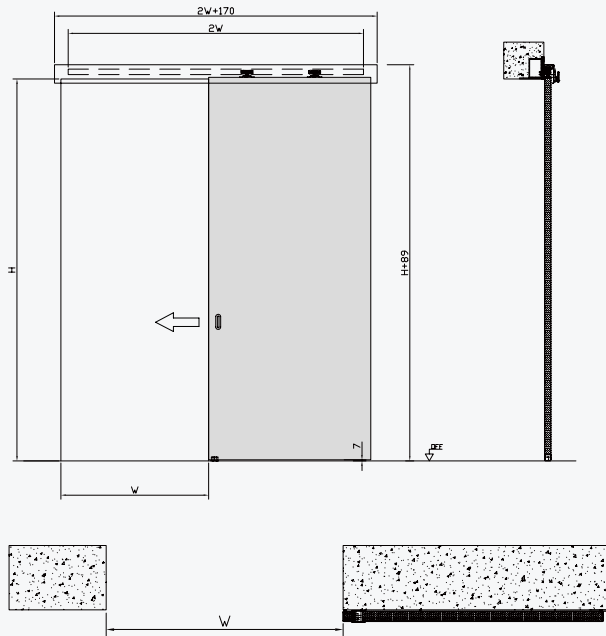


Technical Information

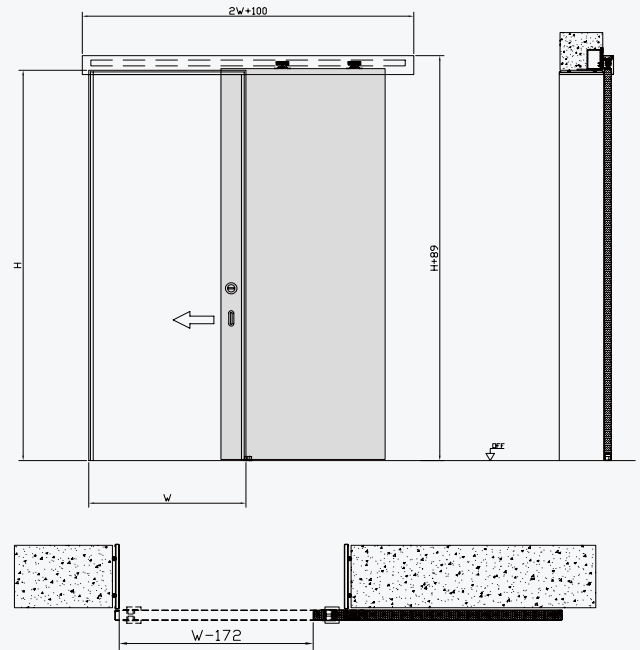
Steel manual sliding door HT40-1

Single-leaf sliding door HT40-1

No lock, no flat frame



Equipped with lock and flat frame



Clear passage width of sliding door HT40-1

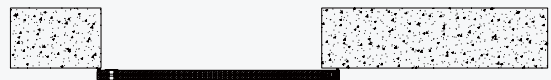
	No flat frame	With flat frame
No lock	W	W-52
With lock	W-120	W-172

Structural types of sliding door HT40-1

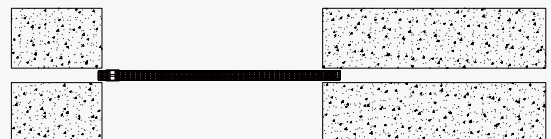
HT-E, equipped with flat frame



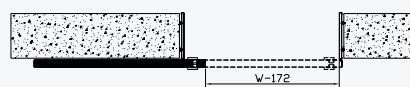
HT-E, no flat frame



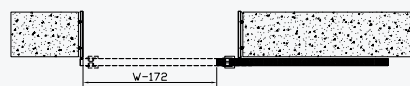
HT-D



Opening direction of sliding door HT40-1



Opening to left



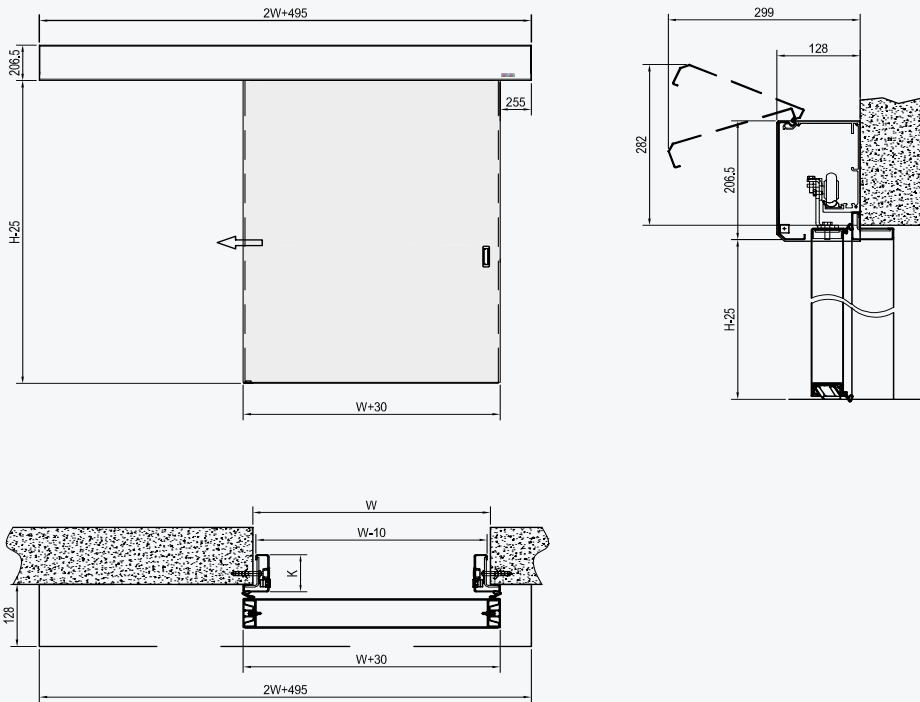
Opening to right

* Only illustrates the door with lock and flat frame for reference.

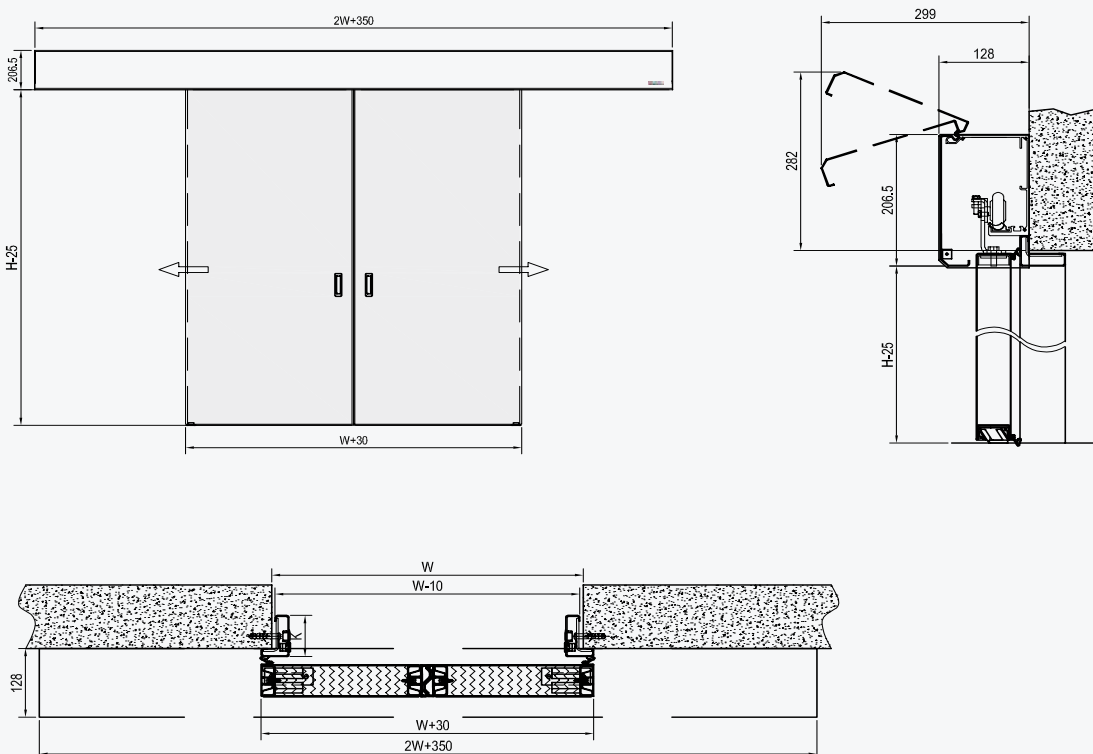
Technical Information

Steel Electric Hermetic sliding door

Single-leaf electric hermetic sliding door HTE 50H-1



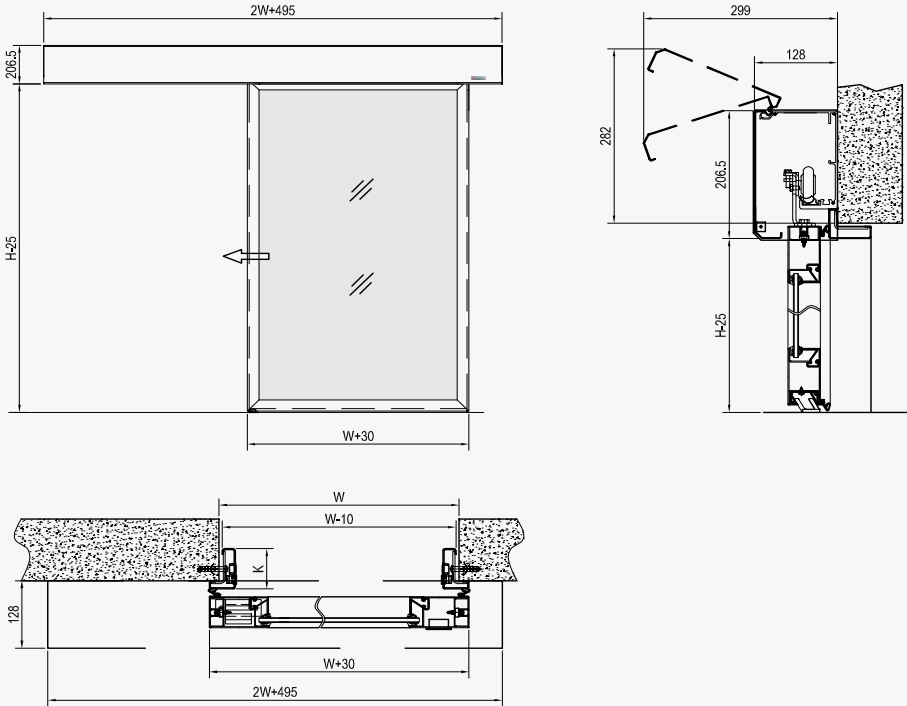
Double-leaf electric hermetic sliding door HTE 50H-2



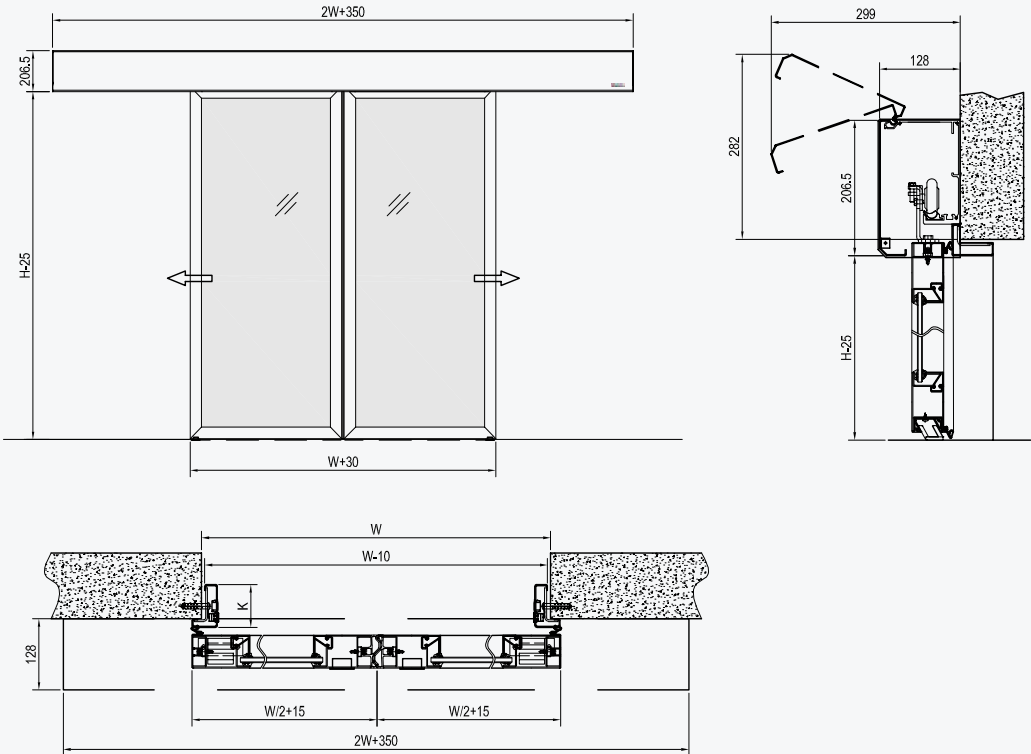
Technical Information

Tubular glass electric sliding door

Single-leaf tubular glass electric sliding door HTG 50-1



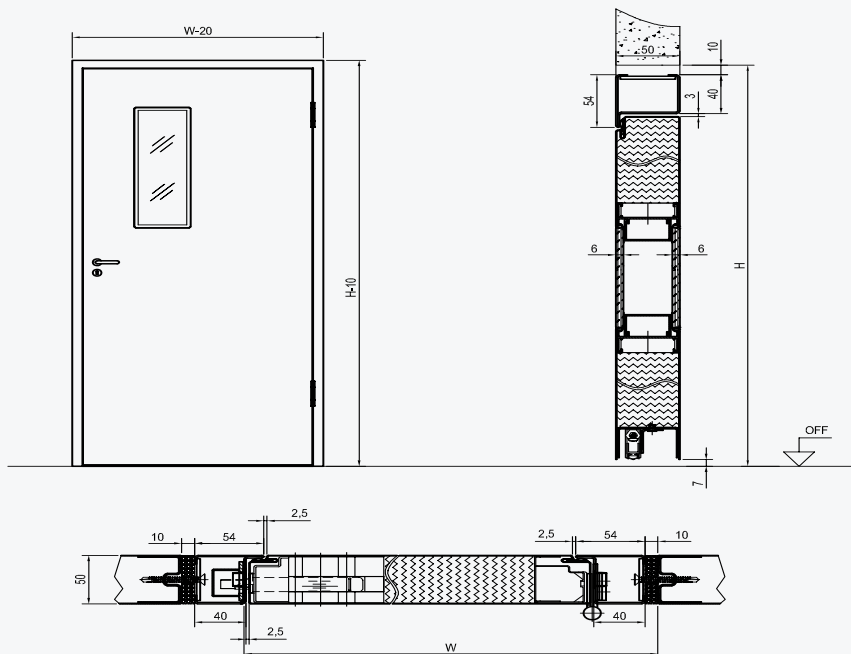
Double-leaf tubular glass electric sliding door HTG 50-2



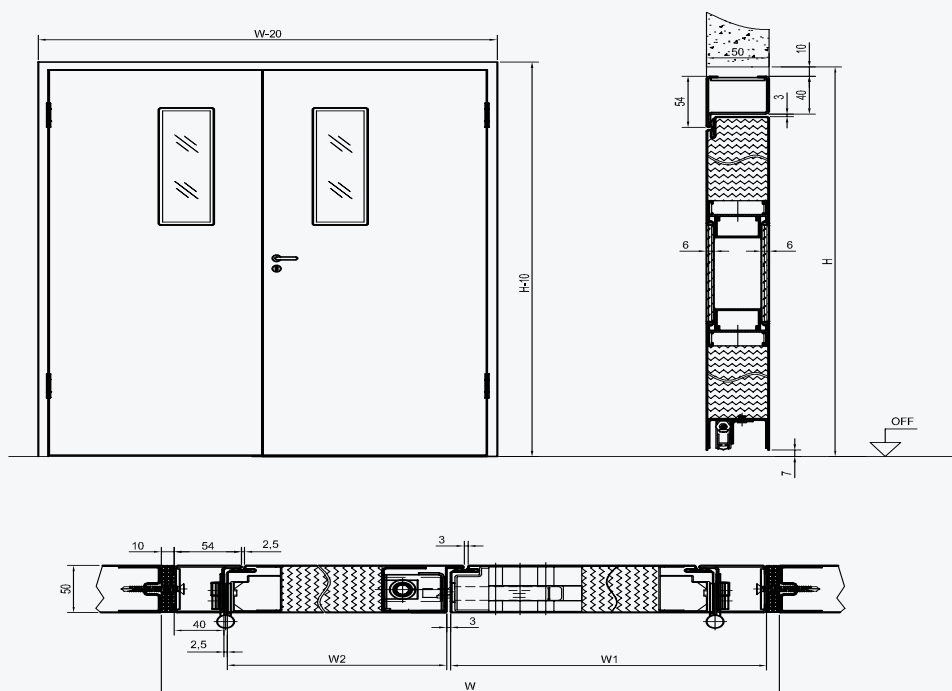
Technical Information

Steel clean room door HCR 50

Single-leaf steel clean room door HCR 50-1

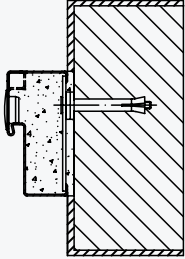


Double-leaf steel clean room door HCR 50-2

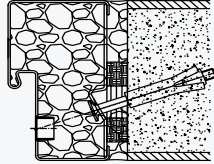


Door frame fitting method

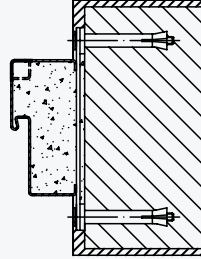
Types of fixing Concrete block/brick walls



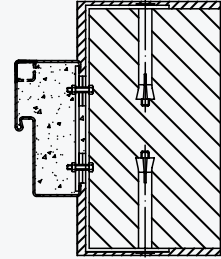
Block frame
Type A
Central hole in frame



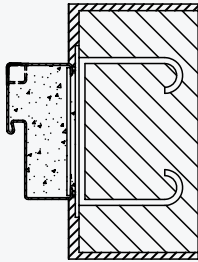
Block frame
Type A1
Bevel hole in frame



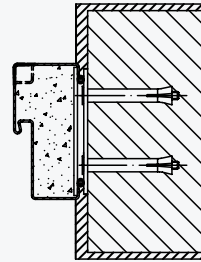
Block frame
Type B
Tie plate external to frame



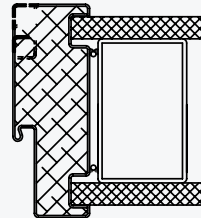
Block frame
Type C
Double hole internal tie plate



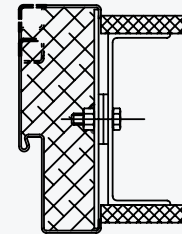
Block frame
Type D1
Weld on anchor plate



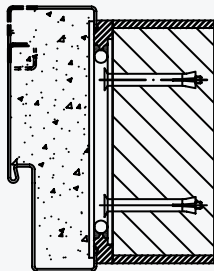
Block frame
Type D1
Weld with plug/screw fitting



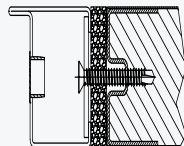
Block frame
Type E
Installation onto the gypsum
board of steel grid



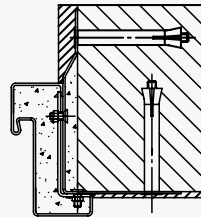
Block frame
Type F
Installation onto the gypsum
board of steel grid



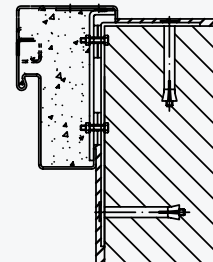
Block frame
Enclosed wall
frame connection



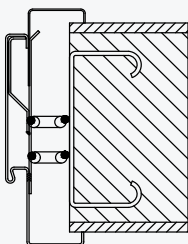
HCR 50 frame
Type A1
Central hole in frame



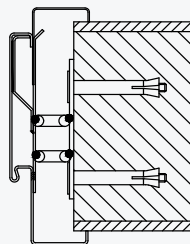
Corner frame connection



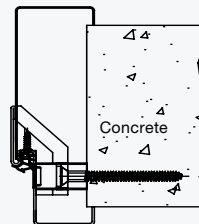
opposite side
Corner frame connection



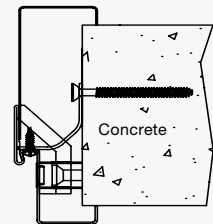
VarioFrame
Type D1
Weld on anchor plate



VarioFrame
Type D2
Weld with plug/screw fitting



MultiFrame
Type A
Central hole in frame



MultiFrame
Type G
Plate in the frame

Hörmann Reference Hospital Projects

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Chinese PLA General Hospital

PLA Army General Hospital

Capital Institute of Pediatrics

Beijing Children's Hospital, Capital Medical University

Beijing Tian Tan Hospital

Beijing Jishuitan Hospital

Beijing Hospital

Peking Cancer Hospital

People's Hospital of Tianjin

Tianjin Huanhu Hospital

Tianjin Second Children's Hospital



Tianjin Medical University Cancer Institute & Hospital
Shandong Qilu Hospital
Shandong Provincial Qianfoshan Hospital
The First Affiliated Hospital of Zhengzhou University
Jiamusi Central Hospital
Harbin Children's Hospital
The First Hospital of China Medical University
The First Affiliated Hospital to Dalian Medical University
Chongqing Emergency Medical Treatment Centre
The Second Xiangya Hospital of Central South University
The First Affiliated Hospital of Anhui Medical University
The First People's Hospital of Changzhou
Nanjing Dental Hospital
Nanjing Drum Tower Hospital
Changning Maternal and Child Health Hospital, Shanghai

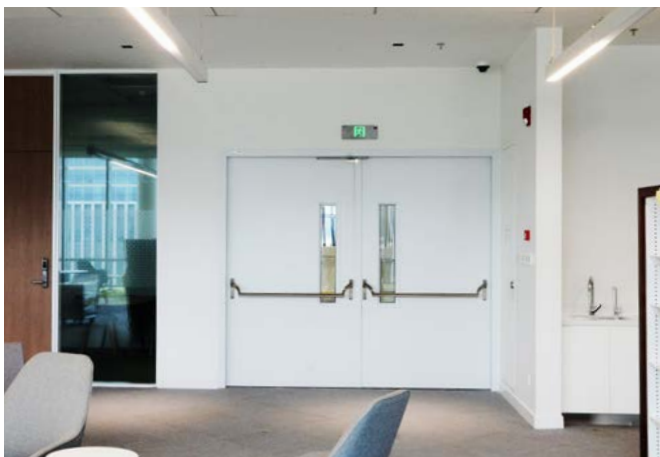
The First Affiliated Hospital of Zhejiang University
Fujian Province Maternal and Child Health Centre
Guangdong Province People's Hospital
The First Affiliated Hospital to Guangxi Medical University
The First Affiliated Hospital to Nanchang University
Union Hospital of Huazhong University of Science and Technology
Guiyang Dental Hospital
Guangzhou Sun Yat-Sen University Cancer Center
Shenzhen University General Hospital
Hong Kong Adventist Hospital
Xilin Gol League Hospital
Qinghai Province People's Hospital
Yunnan Honghe Maternal and Child Healthcare Hospital
Xiongan Xuanwu Hospital
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