

// Certified in accordance with British Standard



Steel Doors for all Applications

Top Quality, Durability, Safety, Security



Hörmann Advantages

- **Wide range of products**
- **Modern design**
- **High-quality hardware**
- **Decograin and qualified powder coating for door surfaces**
- **Outstanding insulation and sealing**
- **ISO certified production**



A Whole Range of High Quality Doors to Meet Your Needs



Take advantage of the achievements gained through more than 50 years of experience. By using Hörmann fire-rated doors, you are assured decades of quality, protection and safety. All Hörmann fire-rated doors meet British Standard and are strictly in design production and service according to ISO 9001 requirement. Install Hörmann fire-rated doors with complete confidence on safety.

In addition Hörmann doors offer an exquisite appearance. This is particularly important where it is necessary to fit doors with varying dimensions on the same floor of a building. Offering both appearance and optimum fire protection Hörmann meets the requirements of architects as well as construction companies and authorities. On this account Hörmann fire-rated doors are used in industrial and public buildings, apartment compounds, hospitals and at airports.



Hörmann residential doors are robust, secure, insulated and acoustic-rated.

Hörmann offers a broad variety of internal doors and sliding doors to match apartment doors, which can be equipped with various types of glazing or louvers.

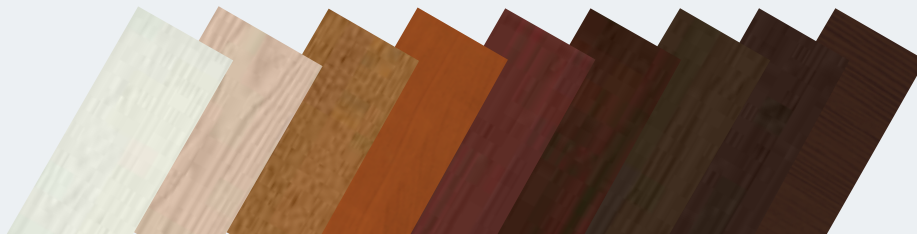
On request Hörmann doors can be supplied in different beautiful RAL colours, panelled or in a range of attractive timber design made of German PVC film.



Create a Friendly Atmosphere

Choose From a Wide Range of Colours, Decograins and Panelled Door Styles

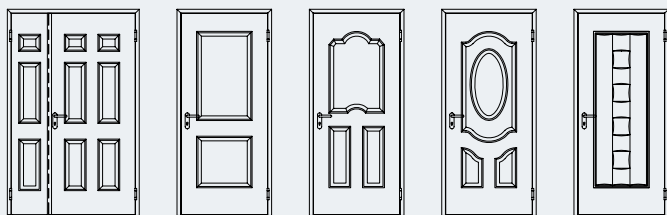
White Ash Grey Ash French Oak Italian Cherry Mahogany Dark Mahogany Dark Sandalwood Linea Tabac Horizontal Oak Dark



- High-grade environmentally friendly powder coating for more appealing aesthetics
- High quality foil coating creates a real wood look
- All surface finishes are exceptionally durable
- Choose the decorative finish that best matches your interior

A wide choice

Besides a broad spectrum of colours and PVC designs, we also offer a wide range of panelled door styles for HC 60 BS-1/2, HAS/HAD-1/2 to suit your taste.



The colours and surface finishes illustrated are subject to the limitations of the printing process.



ZKS/ZKD - 1/2

Internal Door

Standard Fittings

Door type	ZKS/ZKD - 1/2	
Leaf thickness (mm)	40	
Leaf steel thickness (mm)	0.6	
Frame depth (mm)	114	
Infill	Paper honeycomb	

Door size (ZKS)

	Width	Height
Single-leaf door (mm)	400 - 1300	1000 - 2500
Double-leaf door (mm)	1000 - 2500	1000 - 2500

Door size (ZKD)

	Width	Height
Single-leaf door (mm)	400 - 1300	1000 - 2500
Double-leaf door (mm)	1000 - 2500	1000 - 2500

Door leaf

To enhance structural strength, these doors feature a close-meshed honeycomb insert glued to two galvanized steel sheets.

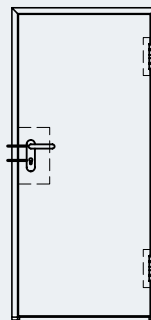


ZKS



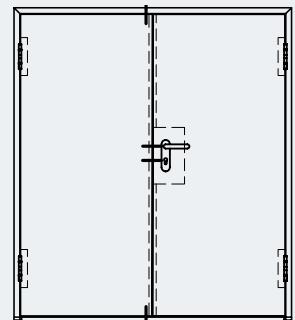
ZKD

Single-leaf door



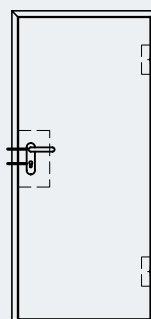
ZKS-1

Double-leaf door



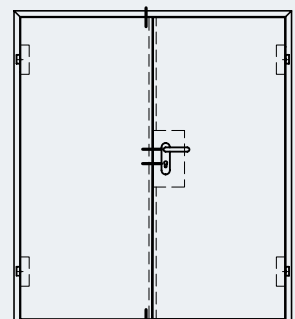
ZKS-2

Single-leaf door



ZKD-1

Double-leaf door



ZKD-2

Acoustic and thermal insulation as an option

Internal doors can easily be acoustic-rated and thermally insulated by using a retractable bottom seal or threshold with seal.

ZKS: Sound insulation value: 32 dB

Thermal insulation value: 3.0 W/m²K

ZKD: Sound insulation value: 31 dB

Thermal insulation value: 3.0 W/m²K

(all values are laboratory values for internal doors with sealed threshold)

Glazing for HM, HAS/HAD, ZKS/ZKD and HT

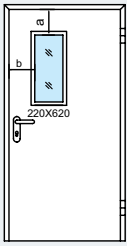


Fig. 1

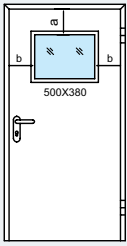


Fig. 4

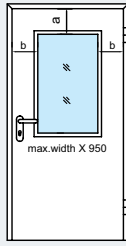


Fig. 5

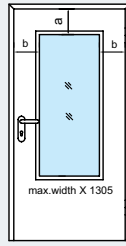
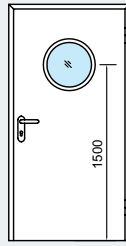
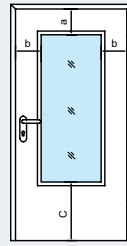


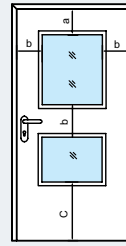
Fig. 6



Round glazing

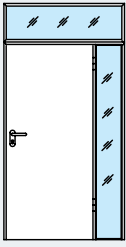


Glazing to choose

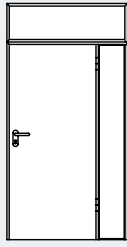


	Opening height ≤ 2100 mm	Opening height > 2100 mm
a	200 mm	Height - 1900 mm
b	≥ 200 mm	≥ 200 mm
c	≥ 400 mm	≥ 400 mm

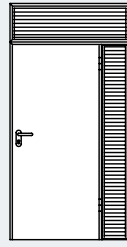
Top/side elements for HM, HAS/HAD and ZKS/ZKD



Top/side light

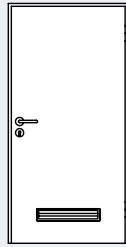


Top/side panel

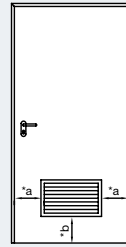


Top/side steel louver only for HM

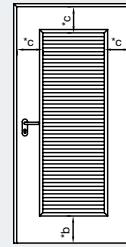
Louver for HM and ZKS/ZKD



Plastic for ZKS/ZKD



Steel only for HM



*a ≥ 150 mm
*b ≥ 200 mm
*c ≥ 200 mm

Optional Extras



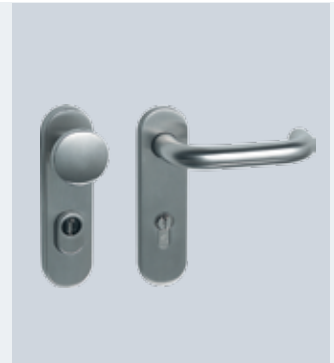
Spy hole
 $\varnothing 15$ mm



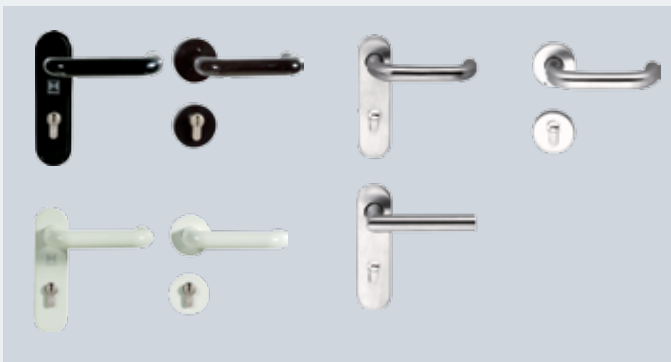
Electric strike
A simple and practical device, guaranteeing safety while being easy to operate.



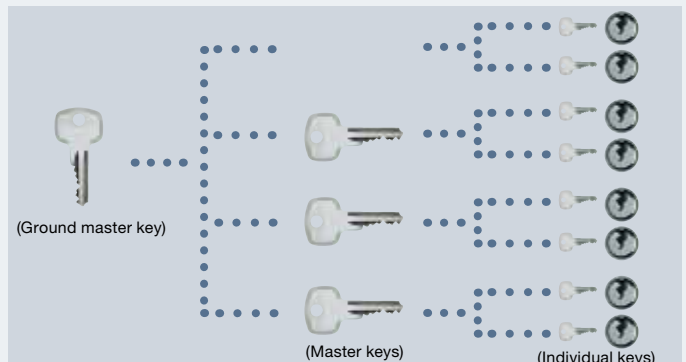
Special locking system
Magnet card lock can also be supplied on request.



Drill-proof handle sets
Drill-proof handle sets according to DIN 18257.



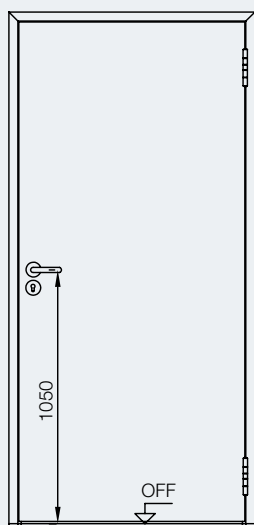
Handel set
Stainless steel and aluminium handle sets with D-110, D-310 and D-410 can be offered on request.



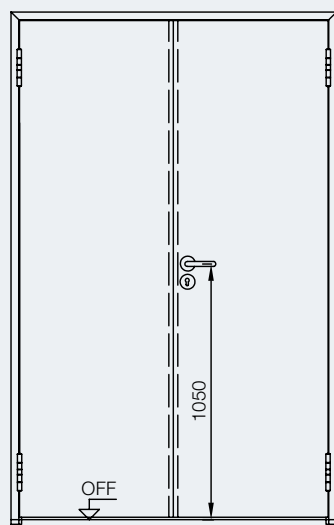
Master key system
In a master key system, the main key opens all the locks in the system although each lock has its own unique key. The size of the master key system can be supplied on request.

Internal Doors ZKS/ZKD

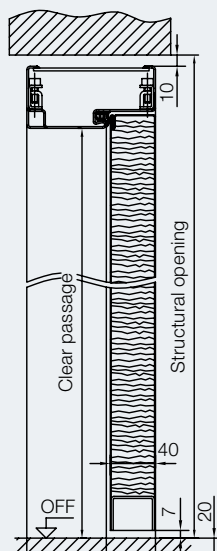
Technical Data and Size Range



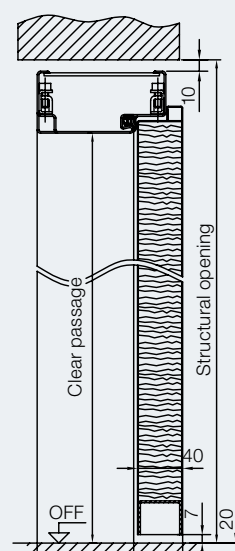
Single-leaf door



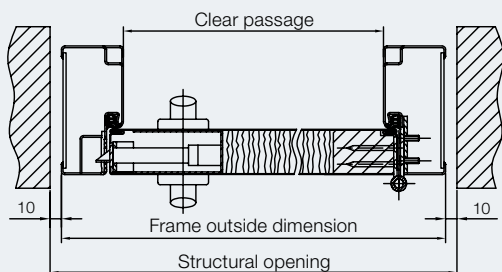
Double-leaf door



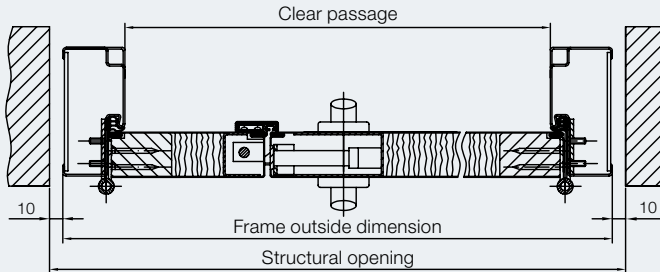
Vertical section
ZKS flush door



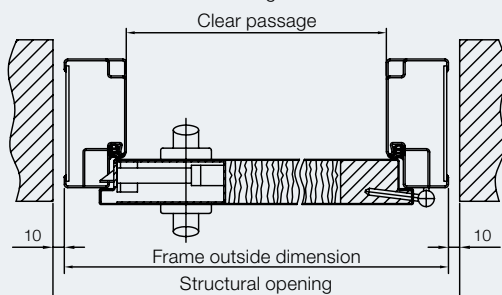
Vertical section
ZKD rebated door



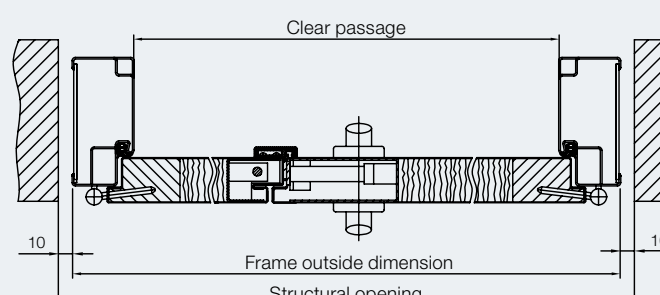
Horizontal section
ZKS-1 flush single-leaf door



Horizontal section
ZKS-2 flush double-leaf door



Horizontal section
ZKD-1 rebated single-leaf door

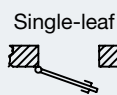


Horizontal section
ZKD-2 rebated double-leaf door

Standard size range

	Structural opening ordering size width x height	Frame outside dimension* width x height	Clear passage width x height
Single-leaf door	750 x 2100	730 x 2090	620 x 2035
	750 x 2200	730 x 2190	620 x 2135
	800 x 2100	780 x 2090	670 x 2035
	800 x 2200	780 x 2190	670 x 2135
	900 x 2100	880 x 2090	770 x 2035
	900 x 2200	880 x 2190	770 x 2135
	900 x 2400	880 x 2390	770 x 2335
	1000 x 2100	980 x 2090	870 x 2035
	1000 x 2200	980 x 2190	870 x 2135
	1000 x 2400	980 x 2390	870 x 2335
	1100 x 2200	1080 x 2190	970 x 2135
	1100 x 2400	1080 x 2390	970 x 2335
	1200 x 2200	1180 x 2190	1070 x 2135
1200 x 2400	1180 x 2390	1070 x 2335	
Double-leaf door	1200 x 2100	1180 x 2090	1070 x 2035
	1200 x 2200	1180 x 2190	1070 x 2135
	1200 x 2400	1180 x 2390	1070 x 2335
	1500 x 2100	1480 x 2090	1370 x 2035
	1500 x 2200	1480 x 2190	1370 x 2135
	1500 x 2400	1480 x 2390	1370 x 2335
	2000 x 2100	1980 x 2090	1870 x 2035
	2000 x 2200	1980 x 2190	1870 x 2135
	2000 x 2400	1980 x 2390	1870 x 2335
	2200 x 2200	2180 x 2190	2070 x 2135
2200 x 2400	2180 x 2390	2070 x 2335	

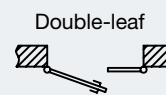
Opening direction



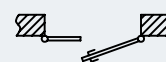
DIN left



DIN right



DIN left



DIN right