



DOUBLE-ACTION DOORS

NEW. Food-safe double-action doors made of polyethylene and stainless steel

HÖRMANN





4

Good reasons
to opt for Hörmann
double-action doors.



12

Application areas.



18

Versions.
Equipment.
Technology.

Brand quality made in Germany



The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly specialised factories using state-of-the-art production technologies. Our employees work intensively on new products, continual further developments and improvements to details. The results are patents and unique products on the market.





WE THINK GREEN. Hörmann leads by example: we use green electricity to cover 100% of our electricity requirements at all European production sites. Together with an intelligent and certified energy management system, the use of recycled paper, the saving and upcycling of packaging and the recycling of reusable materials, more than 75000 tons of CO₂ are saved each year.



You can find further information at
www.hormann.co.uk/company/environment



Durable and hygienic

The door leaves of Hörmann double-action doors consist of 15 mm thick moulded polyethylene PE 500 and are extremely durable and robust. When combined with impact-resistant stainless steel hinges, you get a product that is hard-wearing with a long service life. Even when subjected to extremely high stress, for example when used for forklift truck passageways, PE double-action doors are capable of taking the strain. Hörmann double-action doors also meet stringent hygiene standards. They are resistant to cold temperatures and water and are therefore ideal for use in food production environments.





10-year warranty*



Impact-resistant



Single-leaf



Double-leaf



Food-safe



Pedestrian passage



Forklift-resistant



Cold-resistant
down to -30°C

* The complete warranty conditions
can be found at: www.hoermann.com

POLYETHYLENE PE 500. This material is the ideal choice whenever durability and hygiene are paramount. PE 500 has good mechanical properties and is impact and break-resistant and therefore extremely robust. PE 500 does not absorb moisture and is resistant to acids and alkalis. Hörmann double-action doors are suitable for various climatic conditions in a temperature range from -30°C to $+60^{\circ}\text{C}$.

On account of these properties, polyethylene is practically predestined for use in the food industry, in catering, in supermarkets and canteen kitchens.



IMPACT ABSORBER PROFILE. The optional impact absorber profile made of polyethylene PE 500 protects the door leaf from wear and tear, allowing you to benefit from your double-action door for longer.

→ For more information, see page 28 onwards.

Easy to fit and maintenance-free

As all Hörmann double-action doors are supplied completely pre-assembled with frames and hinges, the fitting process is quick and easy and allows you to save on fitting costs. In addition, there are no follow-up costs, as double-action doors do not require any maintenance and are operated without power. With their versatile frame systems, Hörmann double-action doors are suitable for virtually any internal fitting situation.

→ For more information on frame systems, see page 10.





10-year warranty*



Impact-resistant



Single-leaf



Double-leaf



Food-safe



Pedestrian passage



Forklift-resistant



**Cold-resistant
down to -30°C**

STAINLESS STEEL HINGE. The standard stainless steel hinges on the doors are designed in such a way that the springs are secured by a stainless steel claw inside the hinge and are thereby protected from external influences. Regreasing is not necessary.

→ For more information, see page 26 onwards.



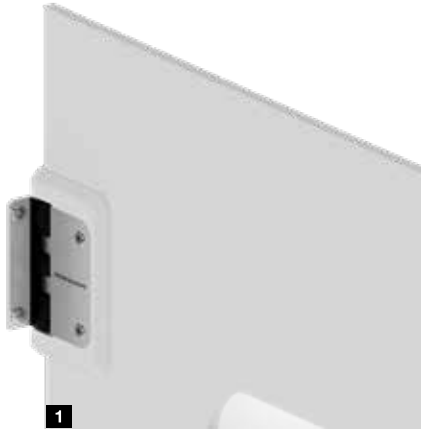
**The stainless steel claw
protects the springs inside**

* The complete warranty conditions
can be found at: www.hoermann.com

Frame systems for all your requirements

The Hörmann frame system guarantees a stable wall connection for optimal and long-lasting door functionality, providing the door leaf with the ideal framework: lasting quality, reliable stability and a high level of resistance. All components are made of stainless steel, meaning they can also be used in different temperature conditions. Individual frame solutions in genuine Hörmann quality are also available for your wall type. The high degree of prefabrication – all frames are pre-assembled with the hinge and the door leaf – simplifies and speeds up the fitting process on site.





MOUNTING PLATES. You can fit the double-action doors easily and flexibly with our stainless steel mounting plates **1**. The mounting plate can be quickly fixed in the wall reveal with just a few screw fittings. This type of fitting is the most cost-effective variant.



FLAT PROFILE. The stainless steel flat profile **2** provides stability while taking up very little space, and can be fitted quickly and easily in the wall reveal. This frame solution is highly convenient and is fitted at full opening height.



PROFILE FRAME. The stainless steel profile frame **3** is a stable solution for every type of wall. The mortise and tenon joints at the ends of the frame components make the fitting process both simple and secure.



BLOCK FRAME IN FRONT OF THE WALL. The stainless steel block frame **4** is suitable for door openings of almost any installation type, as it is mounted **in front of** the wall and the maximum clear passage width is maintained.

→ For more information on frame types and mounting plates, see page 34 onwards.



FOOD PRODUCTION. The food industry, for instance the meat processing industry, bakeries, food logistics operations and cold storage facilities, requires high standards of hygiene. Hörmann PE double-action doors not only meet these standards, but also excel on account of their extremely high durability and high-quality appearance.

PE double-action doors can also be combined perfectly with fire sliding doors and insulating sliding doors – for example, in deep-freeze areas to reduce cold losses.

In cases involving extremely high levels of stress, such as forklift traffic, a height-variable impact absorber profile is available as an option.

To customise the colour of your double-action door, you can choose from 10 preferred colours and 3 special colours. We can also supply your door in the RAL colour of your choice on request.

→ For more information on the HPP-180, see page 20.

→ For more information on the impact absorber profile, see page 28.

→ For more information on standard and optional colours, see page 30.



Forklift-resistant





TOP LEFT. Double-leaf PE double-action door HPP-180 with flat profile and impact absorber profile
 TOP RIGHT. PE double-action doors HPP-180 with profile frames, single-leaf and double-leaf with tubular rail passage
 BOTTOM. Combination of fire sliding door and HPP-180



TOP. Optimal combination of PE double-action door HPP-180 for pedestrian passage and flexible high-speed door V 5030
BOTTOM LEFT. Stainless steel double-action door HPS-180 with profile frame
BOTTOM RIGHT. PE double-action door HPP-180 with block frame in front of the wall





SUPERMARKETS AND LOGISTICS FACILITIES.

The Hörmann double-action door is the ideal choice when bulky, heavy equipment needs to pass through the doors quickly, as is often the case in warehouses or supermarkets, for example. Fit these doors with durable, long-lasting stainless steel hinges and you'll be ready for the future.

To customise the colour of your double-action door, you can choose from 10 preferred colours and 3 special colours. We can also supply your door in the RAL colour of your choice on request.

→ For more information on the HPP-180 and the HPS-180, see page 20 onwards.

→ For more information on standard and optional colours, see page 30.



CATERING. Double-action doors are particularly suited to situations where there is no 'free hand', such as when carrying food and drinks in restaurants and canteen kitchens: they open smoothly and easily. Hörmann offers double-action doors in stainless steel for more sophisticated architectural requirements. The gleaming surface and high-quality material composite ensure a long-lasting, aesthetically pleasing design.



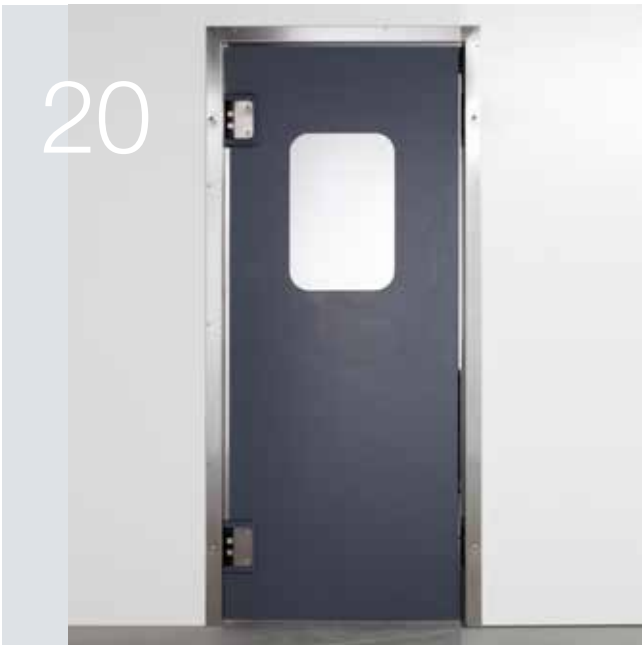


LEFT. PE double-action door HPP-180 with profile frame
TOP. PE double-action door HPP-180 with flat profile
BOTTOM. Stainless steel double-action door HPS-180
with profile frame

→ For more information on the HPP-180
and the HPS-180, see page 20 onwards.



20



26



34



Versions. Equipment. Technology.

- 20 PE double-action door HPP-180
- 22 PE double-action door HPP-360
- 24 Stainless steel double-action door HPS-180
- 26 Standard equipment
- 28 Optional equipment
- 30 Colours
- 32 Glazing
- 34 Frame types

PE double-action doors

HPP-180 **.NEW** with 180° opening angle

Door type	HPP-180	HPP-180
Version	Single-leaf	Double-leaf
Material	Impact-resistant, moulded polyethylene PE 500	Impact-resistant, moulded polyethylene PE 500
Door leaf		
Door thickness (mm)	15	15
Width (mm)	400 – 1600	800 – 3200
Height (mm)	1800 ¹ – 4600	1800 ¹ – 4600
Windows		
Rectangular	●	●
Round	●	●
Crescent	○	○
Acrylic glass (mm)	15	15
Window frame		
Polyethylene	○	○
V2A stainless steel	○	○
V4A stainless steel	○	○
Hinge		
V2A stainless steel	●	●
V4A stainless steel	○	○
Finger guard		
PVC finger guard	○	○
PVC finger guard, cold-resistant	○	○
Temperature range	-30°C to +60°C*	-30°C to +60°C*

● = Standard equipment ○ = Optional equipment ¹ Smaller size on request



10-year warranty*



Impact-resistant



Single-leaf



Double-leaf



Food-safe



Pedestrian passage



Forklift-resistant



Cold-resistant down to -30°C

* The complete warranty conditions can be found at: www.hoermann.com



Single-leaf version
Opening angle 2 × 90°
Width in mm: 400 – 1600
Height in mm: 1800 – 4600



Double-leaf version
Opening angle 2 × 90°
Width in mm: 800 – 3200
Height in mm: 1800 – 4600



Individually made to measure

We can also make your doors to measure and offer solutions for special sizes.



PE double-action door HPP-180
with block frame in front of the wall

PE double-action doors

HPP-360 **.NEW** with 360° opening angle

Door type	HPP-360	HPP-360
Version	Single-leaf	Double-leaf
Material	Impact-resistant, moulded polyethylene PE 500	Impact-resistant, moulded polyethylene PE 500
Door leaf		
Door thickness (mm)	15	15
Width (mm)	550 – 1600	1100 – 3200
Height (mm)	1800 ¹ – 4600	1800 ¹ – 4600
Windows		
Rectangular	●	●
Round	●	●
Crescent	○	○
Acrylic glass (mm)	15	15
Window frame		
Polyethylene	○	○
V2A stainless steel	○	○
V4A stainless steel	○	○
Hinge		
V2A stainless steel	●	●
V4A stainless steel	○	○
Finger guard		
PVC finger guard	○	○
PVC finger guard, cold-resistant	○	○
Temperature range	-30°C to +60°C*	-30°C to +60°C*

● = Standard equipment ○ = Optional equipment ¹ Smaller size on request



10-year warranty*



Impact-resistant



Single-leaf



Double-leaf



Food-safe



Pedestrian passage



Forklift-resistant



Cold-resistant down to -30°C

* The complete warranty conditions can be found at: www.hoermann.com



Single-leaf version
Opening angle 2 × 180°
Width in mm: 550 – 1600
Height in mm: 1800 – 4600



Double-leaf version
Opening angle 2 × 180°
Width in mm: 1100 – 3200
Height in mm: 1800 – 4600



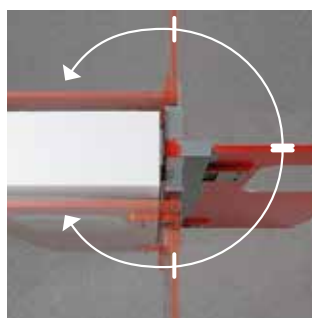
Individually made to measure

We can also make your doors to measure and offer solutions for special sizes.



Integrated arrestor in the following opening angles:

- 0°
- 90° to the left
- 180° to the left
- 90° to the right
- 180° to the right



360° opening angle

The HPP-360 can be opened all the way on both sides in order to keep access routes clear, for example for forklift trucks. What's more, the HPP-360 can be locked in a total of 5 positions.

Stainless steel double-action doors

HPS-180 **.NEW** with 180° opening angle

Door type	HPS-180	HPS-180
Version	Single-leaf	Double-leaf
Material		
Foam core on inside	●	●
V2A stainless steel on outside	●	●
V4A stainless steel on outside	○	○
Door leaf		
Door thickness (mm)	40	40
Width (mm)	550 – 1450	1100 – 2900
Height (mm)	1800 ¹ – 2800	1800 ¹ – 2800
Windows		
Rectangular	○	○
Round	●	●
Laminated safety glass (mm)	8	8
Window frame		
V2A stainless steel	●	●
V4A stainless steel	○	○
Hinge		
V2A stainless steel	●	●
V4A stainless steel	○	○
Finger guard		
EPDM black sealing profile	●	●
Temperature range	-30°C to +60°C*	-30°C to +60°C*

● = Standard equipment ○ = Optional equipment ¹ Smaller size on request



Single-leaf



Double-leaf



Food-safe



Pedestrian passage



Cold-resistant
down to -30°C



Made to measure

We can also make your doors to measure and offer solutions for special sizes.

For an elegant appearance, for example in the high-class catering sector, Hörmann offers the stainless steel double-action door. It consists of a 0.8 mm thick stainless steel sheet with a CFC-free PU hard foam core and is available in two stainless steel versions (striped finish or circular finish).



Single-leaf version
Opening angle 2 × 90°
Width in mm: 550 – 1450
Height in mm: 1800 – 2800



Double-leaf version
Opening angle 2 × 90°
Width in mm: 1100 – 2900
Height in mm: 1800 – 2800



Window with 8 mm laminated safety glass frame, 400 mm round



Optional: stainless steel surface, circular finish



Standard equipment

For greater convenience and safety



Stable stainless steel hinges

Hörmann double-action doors are equipped as standard with hinges in V2A stainless steel **1**. The hinge is maintenance-free and particularly robust. The narrow hinge design enables the widest possible clear passage width. The springs are protected by a stainless steel claw inside the hinge **2**. The stainless steel hinge is available with or without a 90° arrestor. With the arrestor, the door leaf remains open when fully opened and swings back again with a gentle tap.

The spring tension is variably adjustable

Depending on your needs, the swing action of the double-action door can be made slower (by tightening the nuts) or faster (by loosening the nuts) **3**.



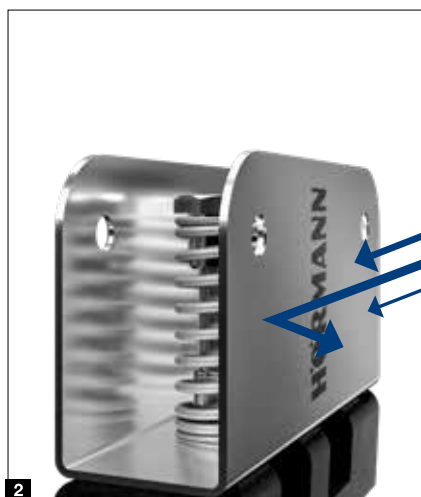
Cycles



Impact-resistant



Spring protection





Door leaf with rounded edge

To prevent injuries caused by sharp edges, Hörmann PE double-action doors are supplied with a rounded edge as standard **4**.

An additional PVC finger guard is also available as an option, see optional equipment

→ For more information on the PVC finger guard, see page 29.



Flush-fitting glazing

Hörmann PE double-action doors are supplied with flush-fitting acrylic glazing **5** as standard.

→ For more information on glazing, see page 32.

Optional equipment

Quality down to the last detail for all double-action doors

Impact absorber profile

To provide additional protection for the double-action door, a 15 mm thick polyethylene impact absorber profile is available as an option **1**. The impact absorber profile is available in two sizes (200 mm and 300 mm high) and is screwed into place on both sides. The fitting height is variable. The impact absorber profile is available in 10 preferred colours to match the double-action doors.



Spring impact absorber

As an alternative to the impact absorber profile, the spring impact absorber consisting of 5 mm thick polyethylene can be used, especially when there is stress caused by forklift truck or pallet truck traffic **2**. Thanks to its springy effect, the spring impact absorber is effective at absorbing impacts, thereby protecting the double-action door. It is available in three heights (300 mm, 600 mm and 900 mm). The spring impact absorber comes in black as standard; other colours are available on request.



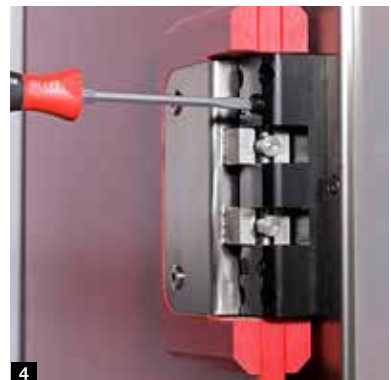
Stainless steel impact absorber profile

Do you consider a high-quality appearance important when it comes to PE double-action doors, or material uniformity for stainless steel double-action doors? Then the 1.5 mm thick and 175 mm high stainless steel impact absorber profile **3** is the ideal choice for you.



Fine adjustment

Minor irregularities on the wall can be compensated for by adjusting the four grub screws on each hinge **4**. With this function, the door leaves can also be aligned precisely in parallel.





PVC finger guard

The optional 4 mm thick PVC finger guard provides additional finger protection. It is available both for the **hinge side** at door height with an internal aluminium strip **5** and for the **opening side**, either at door height or from 900 mm **6**. The guard is overlapping in the case of double-leaf doors.

Depending on your preference, you can order the finger guard either in a transparent design or in black.

Hörmann also offers the finger guard in a transparent design that is suitable for deep-freeze applications.

Door leaf seal

The door seals perfectly thanks to the soft transparent or black PVC seal above the door leaf and the lower door seal made of wear-resistant red rubber (not shown).

Stainless steel lock

For additional security, you can order the optional stainless steel lock with profile cylinder **7**, which can be locked on **both sides** and is fitted at the top of the door leaf. For the single-leaf double-action door, it is also possible to fit the lock on the side.

Stainless steel handle

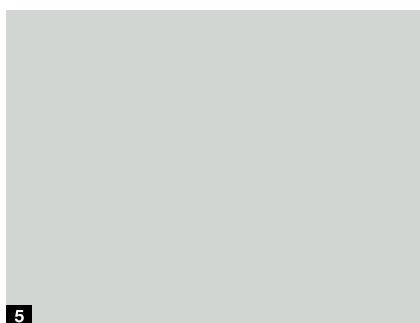
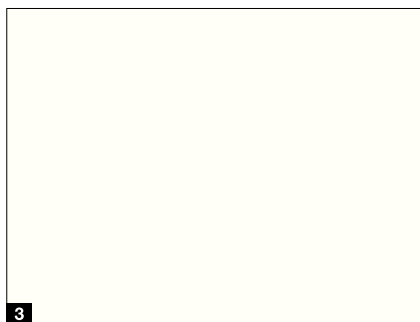
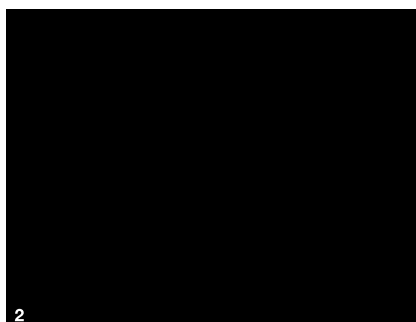
A stainless steel handle with a plastic mount is available as an option. **8**

Tubular rail passage

For **tubular rail systems**, for instance in the food industry, Hörmann offers a tubular rail passage made of 15 mm polyethylene including a rubber seal for a stable and tight wall connection. **9**

Colours

Door design matching your property



10 preferred colours

- 1 Granite
- 2 RAL 9017 Traffic black
- 3 RAL 9010 Pure white
- 4 RAL 7037 Dusty grey
- 5 RAL 7035 Light grey
- 6 RAL 7024 Graphite grey
- 7 RAL 6024 Traffic green
- 8 RAL 5010 Gentian blue
- 9 RAL 3000 Flame red
- 10 RAL 1018 Zinc yellow



3 special colours

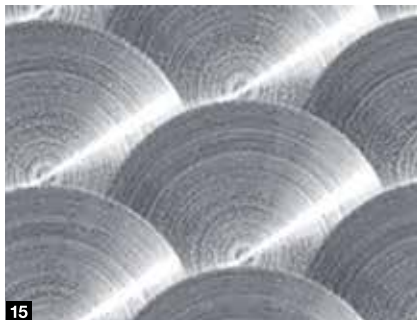
- 11** RAL 3020 Traffic red
- 12** RAL 2009 Traffic orange
- 13** RAL 1003 Signal yellow

RAL colour of your choice

You also have the option of ordering doors in a RAL colour of your choice

Please note:

All colours based on RAL. The colours and surface finishes shown are subject to the limitations of the printing process and cannot be regarded as binding.



Stainless steel versions

- 14** Striped finish

Stainless steel version (optional)

- 15** Circular finish

HPP-180 and HPP-360 glazing

Glazing variants for more light and transparency



Glazing

The glazing is made of 15 mm thick **acrylic glass**, which is embedded in the door leaf in a flush-fitting manner.

You can choose between **frameless** glazing and optional glazing with a **stainless steel frame**.

Glazing sizes and shapes

2 sizes and shapes are available without frames as standard:

- 400 mm round **1**
- 400 × 600 mm rectangular **2** (with rounded corners)

The following sizes and shapes are available as options:

- 600 mm round
- 600 × 600 mm square **3**
- 400 × 800 mm rectangular
- 600 × 800 mm (only in combination with optional stainless steel frame)
- 320 × 750 mm semicircular
- 400 × 950 mm semicircular **4**

For door leaf widths smaller than 700 mm, the glazing is narrower than specified above and needs to be customised.

The window centre is 1550 mm high as standard, customised adjustments can be made

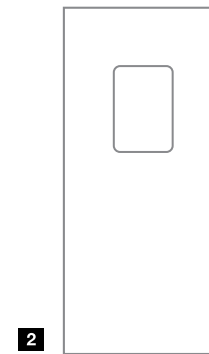
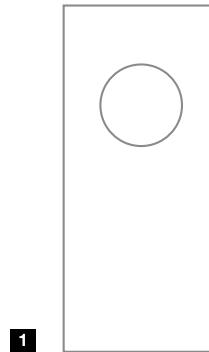
Stainless steel glazing frame (optional)

The following sizes and shapes are available as options:

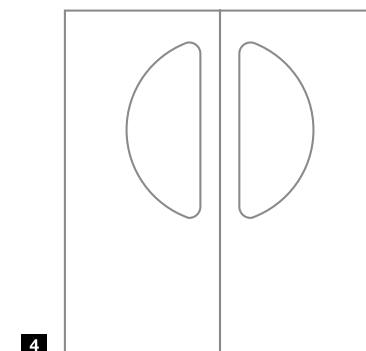
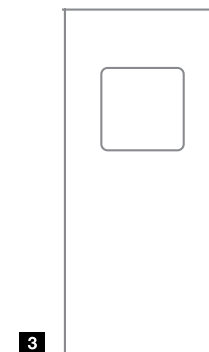
- 400 mm round or 600 mm round
- 400 × 600 mm rectangular, 400 × 800 mm rectangular,
- 600 × 600 mm square or 600 × 800 mm rectangular

Other formats are available on request.

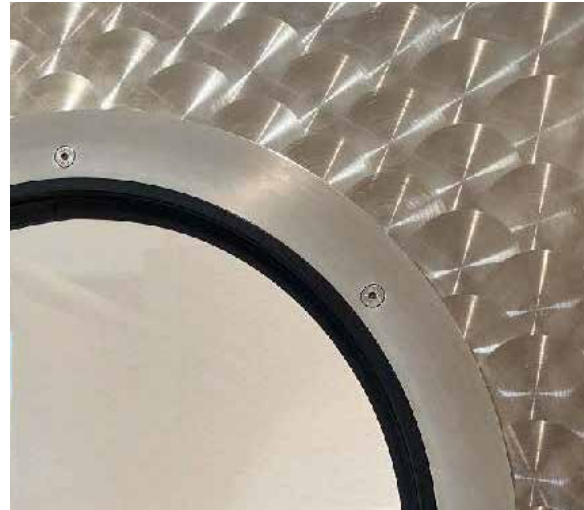
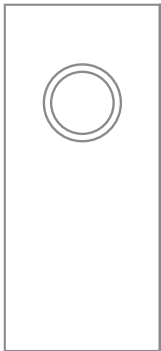
Standard glazing variants PE double-action doors



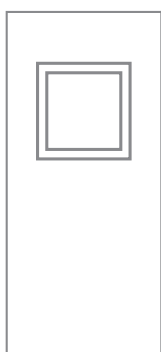
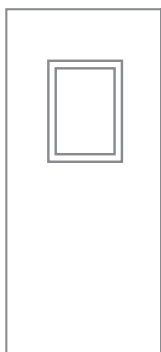
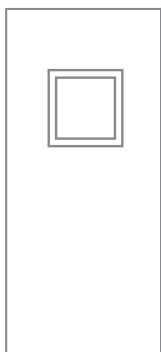
Optional glazing variants PE double-action doors



Standard glazing variants Stainless steel double-action doors



Optional glazing variants Stainless steel double-action doors



Glazing

Stainless steel double-action doors impress with their 8 mm thick **laminated safety glass**.

Stainless steel doors are always supplied with a glazing frame made of V2A stainless steel (V4A as an option).

Glazing sizes and shapes

1 size is available as standard:

- 400 mm round **1**

2 sizes and 2 shapes are available as options:

- 400 × 400 mm square **2**
- 400 × 600 mm rectangular **3**
- 600 × 600 mm square **4**

For a door leaf width smaller than 700 mm, the glazing is narrower than specified above and needs to be customised.

The window centre is 1550 mm high as standard; customised adjustments can be made.

Stainless steel frame types and mounting profiles

The large range for custom fitting situations

The Hörmann frame system guarantees a stable wall connection for optimal and long-lasting door functionality.

Advantages at a glance

- All frames are made of stainless steel
- Durable even under varying temperature and climatic conditions
- Hygienic due to use of stainless steel
- Efficient fitting process on site thanks to a design with a high degree of prefabrication

Stainless steel mounting plate ¹

The 4 mm thick stainless steel mounting plate is available in two sizes for riveting or screwing into brickwork, reinforced drywall or steel beams.

- 80 × 142 mm (riveting)
- 95 × 142 mm (screw fitting)

Stainless steel flat profile ²

The flat profile is produced at door height and is conveniently already pre-drilled. It can be riveted or screwed into brickwork, reinforced drywall or steel beams.

- 80 × 5 mm (riveting)
- 90 × 11 mm (screw fitting)

Fixings for the frames according to wall type

	Mounting plate	Flat profile
Brickwork / concrete	●	●
Existing frame	●	●
Drywall, reinforced	●	●
Drywall, not reinforced	-	-
Insulated panels	-	-

● = possible - = not possible



Stainless steel profile frame ³

Our profile frame is a stable solution for fixing double-action doors to PU panels or gypsum plasterboard walls. The frame is produced with a sheet thickness of 1.5 mm; the edges are folded. The clamping thickness is custom-made to suit the conditions on site.

The profile frame is equipped with mortise and tenon and mitre joints. Thanks to the mortise and tenon joints of the frame parts, the fitting process is simple and the frame is permanently stable.

Block frame in front of the wall ⁴

The stainless steel block frame is suitable for door openings of almost any installation type, as it is mounted in front of the wall and the maximum clear passage width is maintained.

The frame consists of a 100 × 50 mm rectangular tube; the corners are mitred and welded.

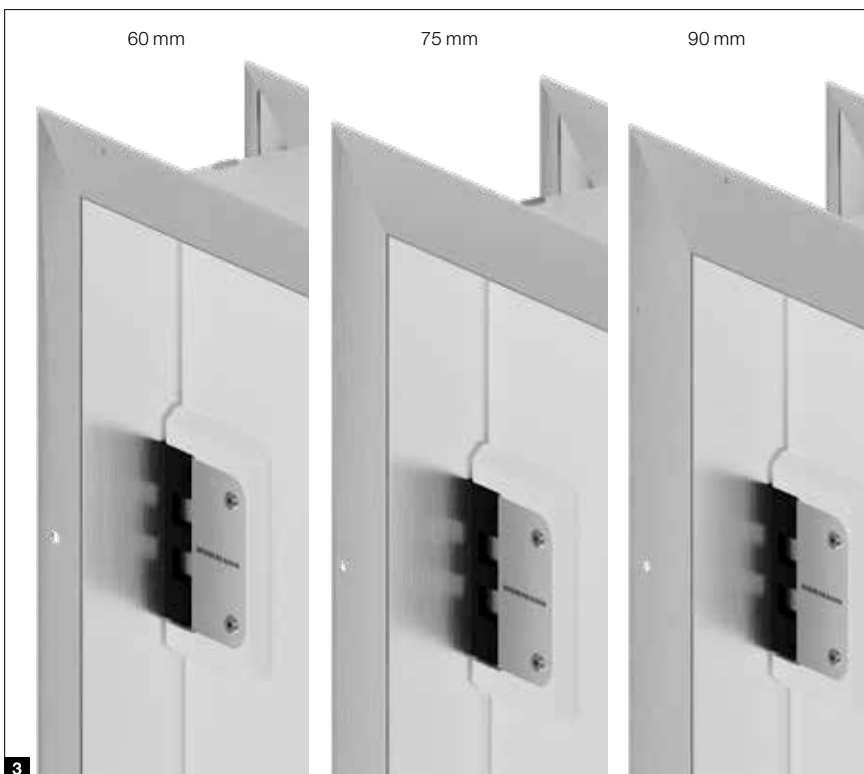
Frame depth of the stainless steel profile frames according to wall type

- PU panel
60 mm
- Drywall
75 mm
- Brickwork
90 mm

Fixings for the frames according to wall type

	Profile frame	Block frame in front of the wall
Brickwork / concrete	●	●
Existing frame	●	●
Drywall, reinforced	●	●
Drywall, not reinforced	●	●
Insulated panels	●	●

● = possible – = not possible



Everything from a single source for construction and industry

Our large product range offers the right solution for any requirement. All products are optimally adjusted to work together, ensuring high functional safety. This makes us a strong, future-oriented partner for industrial and public construction projects.

**INDUSTRIAL DOORS. LOADING TECHNOLOGY. SLIDING DOORS.
CONSTRUCTION PROJECT DOORS. PERIMETER PROTECTION SYSTEMS**



Some of the products shown are equipped with special equipment and do not always correspond to the standard versions. The surface finishes and colours shown are subject to the limitations of the printing process and cannot be regarded as binding. All rights reserved. No part may be reproduced without our prior permission. Subject to changes.