

Sectional Garage Doors

NEW: LPU 67 Thermo – The energy-saving door

HÖRMANN





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Some of the doors shown are equipped with optional extras and do not always correspond to our standard models.

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

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Benefit from numerous advantages

Sectional doors open vertically upwards and are suspended under the ceiling o save space. This construction principle means you can make full use of the space inside and in front of the garage. Sectional garage doors can be fitted in any garage opening and offer up to 14 cm more passage width than up-and-over doors. They are also optimally sealed with flexible and weather-resistant seals on all four sides.

Treat yourself to this comfort and convenience.





“A good reputation must be earned.”

August Hörmann

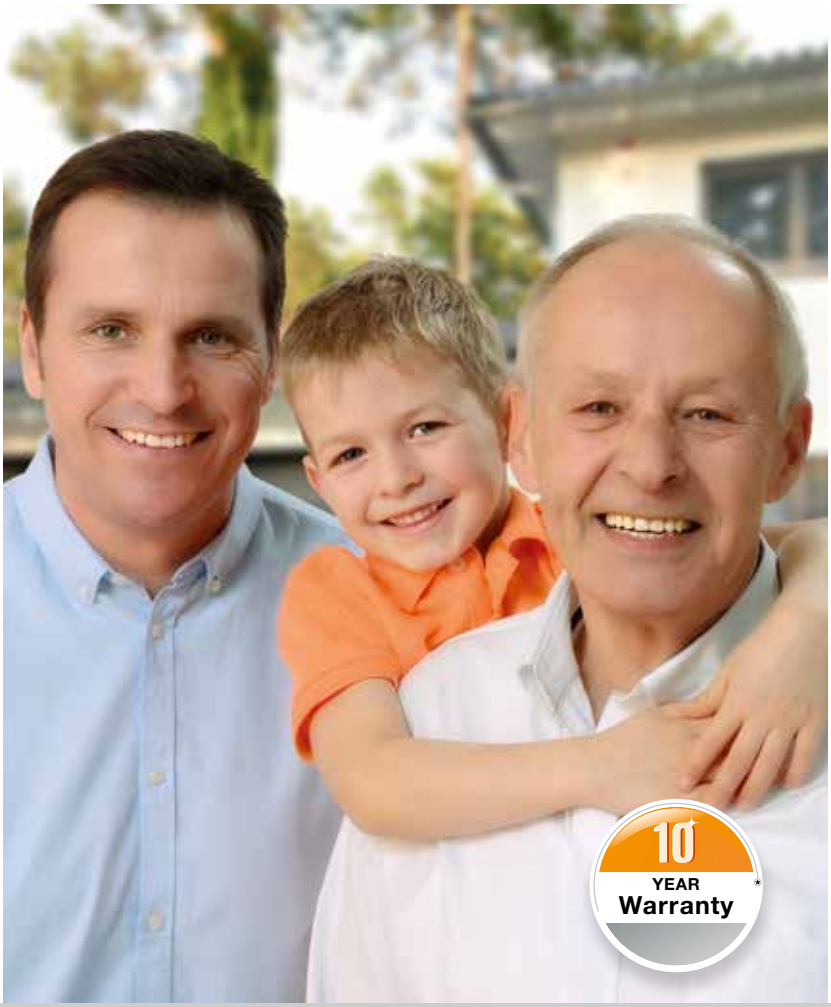
In line with the founder’s philosophy, the Hörmann brand today is a true promise of quality. The family-owned company has over 80 years of experience in door and operator construction and, with sales of over 20 million doors, is no. 1 in Europe. This makes a Hörmann sectional door a reassuring purchase.



1 Brand quality “Made in Germany”

All fundamental doors and operator components are developed and manufactured by Hörmann, are **perfectly matched to each other** and **tested and certified** by independent, recognised institutes to ensure your safety. They are manufactured in Germany according to the DIN ISO 9001 quality management system and meet the requirements of European standard 13241-1. Furthermore, our highly qualified employees work intensively on new products, continual further developments and improvements to details. Patents and unique products on the market are the result of this.

Made in Germany





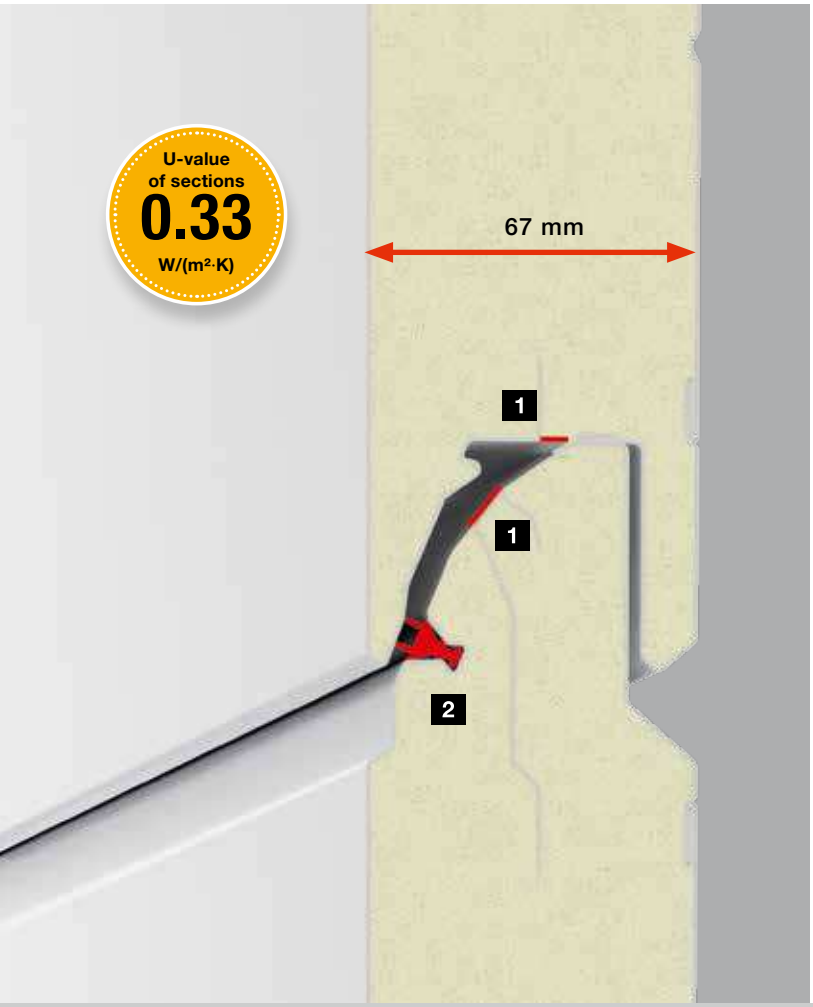
2 Garage doors for generations

Endurance tests under real-life conditions ensure mature series products with Hörmann quality. Thanks to this, as well as excellent technical solutions and uncompromising quality assurance, you receive a **10-year warranty on all Hörmann sectional doors and a 5-year warranty on Hörmann operators.***

* The complete warranty conditions can be found at: www.hormann.co.uk

3 An eye on the future

Hörmann is setting a good example. This is why the company obtains **100 % of its required energy from green sources.** At the same time, many tonnes of CO_2 are saved each year thanks to the introduction of an intelligent and certified energy management system. And last but not least, Hörmann also offers products for sustainable construction.





4 Modern energy-saving door

Double-skinned sectional doors are particularly recommended for garages attached directly to the house. In addition to the LPU 42 with very good thermal insulation, the **LPU 67 Thermo ■ NEW offers everything that is expected from modern construction**: excellent thermal insulation achieved by sections with a thermal break 1 with a U-value of 0.33 W/(m²·K)*, a very good seal on spaces between sections with double lip seals 2 and an optimum floor connection using double bottom seals, which also compensate for floor unevenness and energy losses.

* U-value of door (5000 × 2125 mm): 1.0 W/(m²·K)

5 Efficient thermal insulation

Only from Hörmann

With the **Hörmann ThermoFrame** you can improve the already high insulation values, especially of the double-skinned sectional doors. The black plastic profile is fitted together with the door frame. **Insulation is improved by 15 %**** thanks to the thermal break between the frame and brickwork. The optional ThermoFrame frame connection is available for all Hörmann sectional doors.

** For a double-skinned sectional garage door LPU 42 size 5000 × 2125 mm





6 Optimum long-term protection

Only from Hörmann

A non-brittle, 4 cm **plastic frame shoe** covers the frame where it is prone to rusting and **offers long-term protection against corrosion.** This long-term protection is even effective with waterlogging, unlike competitor solutions. Together with the door's bottom seal, the frame shoe makes for a bottom edge that is visually appealing.

7 Exclusive interior door view

Anyone who uses their garage as a hobby room wants a harmonious door view in the garage too. **The premium version of the LPU 67 Thermo ■ NEW** meets these precise demands: the full frame***, the tracks and connection rails and all fittings are available in Grey white RAL 9002, matching the inside of the door leaf. **The door thereby blends harmoniously into the interior** and adds value to your garage**.** The tandem track rollers also mean that your door runs very quietly and smoothly.

*** Outside view of the frame in Grey white RAL 9002, meaning that a frame covering is recommended for doors in Traffic white RAL 9016.

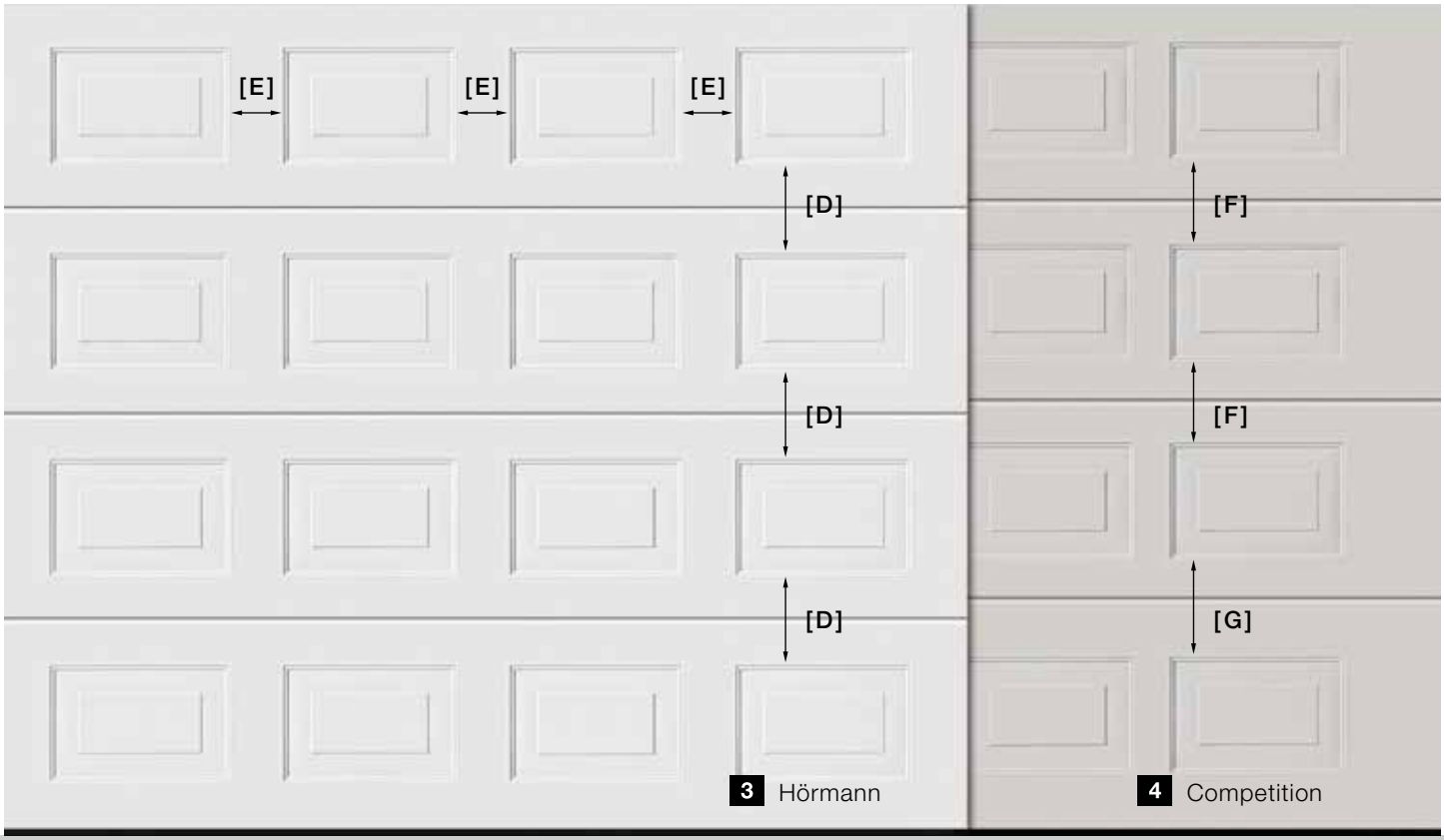


8 A harmonious overall appearance

1 Even spacing and invisible section transitions for ribbed doors
Hörmann garage doors are distinguished by even, exact spacing of sections [A]. The sections are shaped so that the transitions are practically invisible when the door is closed. See for yourself!

To add to the overall appearance, a practical side door with an alignment matching the sectional garage doors is also available (see page 66).

2 Irregular spacing of sections [B], [C]
due to different section heights coupled with visible section transitions on competitor doors. This gives the door an uneven look.



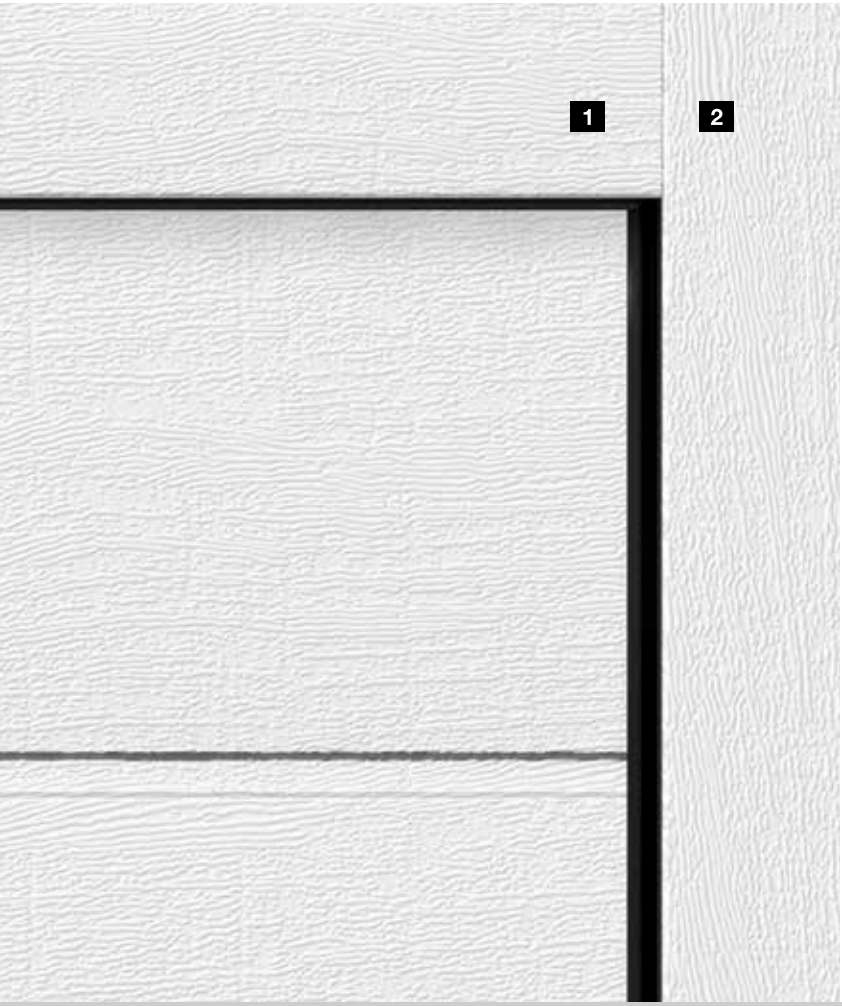
3 Hörmann

4 Competition

3 Uniformly divided panelled doors
To create a harmonious overall appearance, the height of the spaces between the individual panels [D] of Hörmann sectional doors is exactly even. This is achieved by using sections with the same height across the entire door height. The horizontal spacing between the panels within a section **[E]** is also uniform. This gives the doors an even appearance.

On request, side doors are also available with the same section spacing as the sectional garage door (see page 66).

4 Irregular panel spacing [F], [G] due to different section heights on competitor doors. This gives the door an uneven look.





9 Matching appearance of frames and door leaves

Only from Hörmann

The **harmonious appearance of a door** is the result of many small details: For white doors and all surface finishes, the fascia panel 1 is always provided matching the door sections. This ensures that everything fits together. The side frames 2 are available with a white Woodgrain surface finish* as standard. For sectional doors with the surface finishes Sandgrain, Silkgrain or Decograin as well as coloured doors, the frame coverings are optionally available in the surface finish of the door section. For Micrograin doors, the frame covering is provided with a smooth Silkgrain surface finish.

For further information, please see pages 71 – 72.

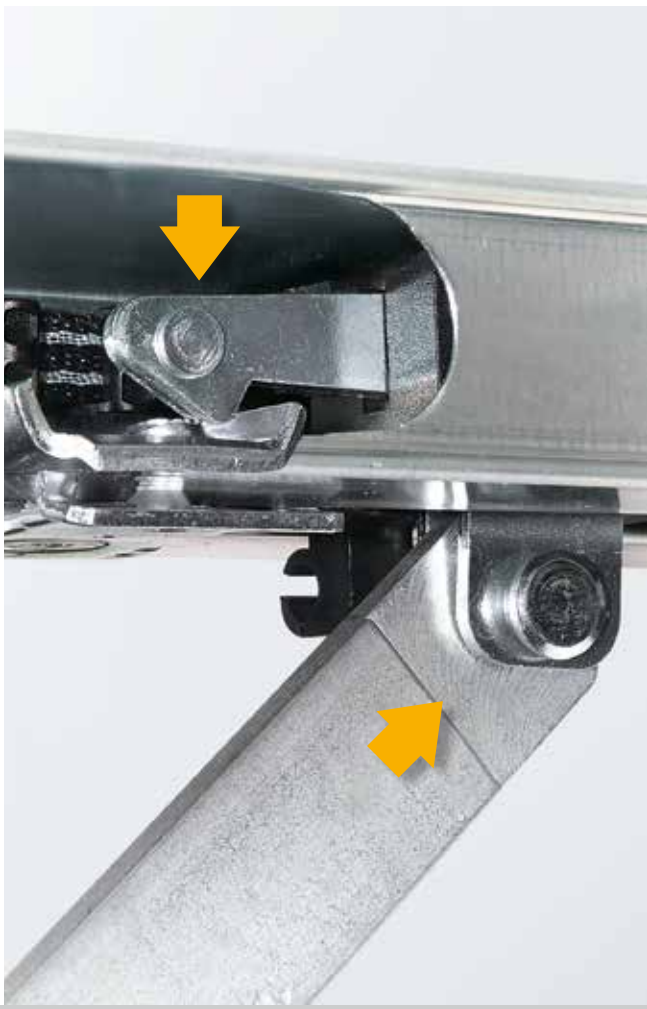
* For LPU 67 Thermo in the premium version in Grey white RAL 9002

10 Flush-fitting fascia panels

For LPU 42 doors, a flush-fitting fascia panel is the **most elegant solution for an invisible transition** between the panel and door leaf. When the door is closed, the top door section is flush with the panel.

For further information, please see page 71.





11 Practical solutions

Only from Hörmann

An LPU 42 door with wicket doors are recommended for easy passage **with a trip-free threshold** into your garage. You can also retrieve bicycles or gardening equipment from your garage without opening the door.
The stainless steel threshold is only 10 mm in the centre and 5 mm high at the sides. This makes it easier to wheel things through and reduces the risk of tripping up.

12 More security, of course

Only from Hörmann

Mechanical anti-lift kit in the operator boom

Uninvited guests barely stand a chance with Hörmann's automatic sectional doors. When the garage door is closed, the **anti-lift kit** automatically engages in the operator boom's stop, then locks immediately and is secured against forced opening.
This patented door latching functions purely mechanically and, in contrast to competitor operators, continues to secure the door even when the power fails.

Take a look at the video at:
www.hormann.co.uk/videos



13 BiSecur radio system with certified security

Only from Hörmann

The bi-directional BiSecur radio system is based on future-oriented technology for the convenient and secure operation of garage and entrance gate operators, door operators, lighting and more. This extremely secure BiSecur encryption protocol, developed by Hörmann, with a stable, interference-free range makes sure that no-one can copy your radio signal. It was tested and certified by security experts at Bochum University.

Take a look at the video at:
www.hormann.co.uk/videos

Perfectly matched and 100 % compatible

All BiSecur operators, receivers and control elements are 100 % compatible. Using a hand transmitter or radio code switch, for example, you can conveniently operate your garage door as well as an entrance gate equipped with a Hörmann operator, your door operators or other devices with BiSecur receivers. With our app* and Hörmann BiSecur Gateway, you can operate your Hörmann garage door or entrance gate operators, Hörmann entrance door** or the internal door operator PortaMatic as well as other devices **using your smartphone or tablet**.

* For smartphones or tablets with iOS or Android operating systems.
** To use this function it is required that your Hörmann entrance door ThermoCarbon / ThermoSafe is equipped with the automatic lock S5 / S7 Smart.





14 Convenient querying of the door position

You no longer have to go out in all kinds of weather to check if your gate is closed. At the press of a button, the colour of the LED on the HS 5 BS hand transmitter indicates the position of the door. If required, another push of a button*** closes the door. It is the most comfortable and secure way to control your door.

*** An additional photocell is required for operation without visual contact to the door.

15 Award-winning design

In addition to a black or white design, the **exclusive BiSecur hand transmitters** are characterised by an elegant shape that fits easily in the palm of your hand.

Hörmann's BiSecur hand transmitters with an optional high-gloss surface in a piano lacquer look have received the reddot design award for their exclusive design.

Take a look at the video at:
www.hoermann.com/videos

Figure above: HS 5 BS hand transmitter with hand transmitter station (optional).

LPU 67 Thermo

■ NEW

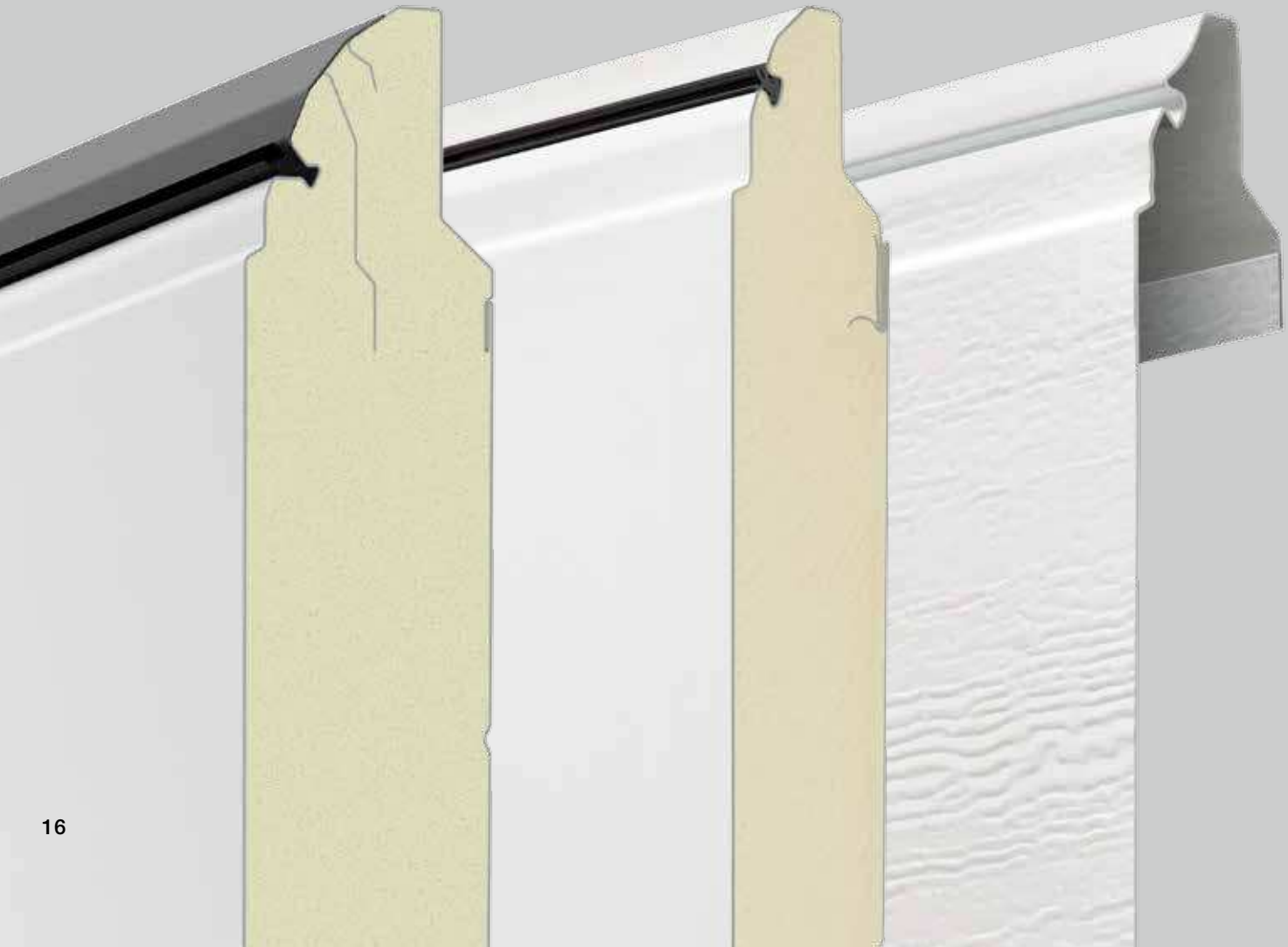
The energy-saving door impresses thanks to 67-mm-thick sections with thermal break achieving excellent thermal insulation.

LPU 42

The double-skinned LPU 42 door offers very good insulation with its 42-mm-thick sections.

LTE 42

The single-skinned LTE 42 door is the inexpensive solution for detached garages that do not require additional thermal insulation.

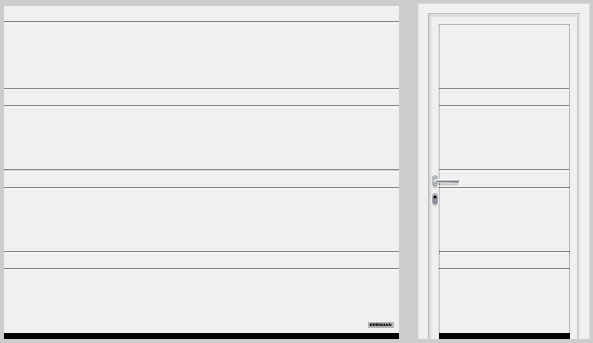




S-ribbed (LPU 42, LTE 42), Traffic white RAL 9016



M-ribbed (LPU 67 Thermo, LPU 42, LTE 42), Traffic white RAL 9016



D-ribbed (LPU 42), Traffic white RAL 9016



T-ribbed (LPU 42), Traffic white RAL 9016



L-ribbed (LPU 67 Thermo, LPU 42), Traffic white RAL 9016



Panelled (LPU 42, LTE 42), Traffic white RAL 9016



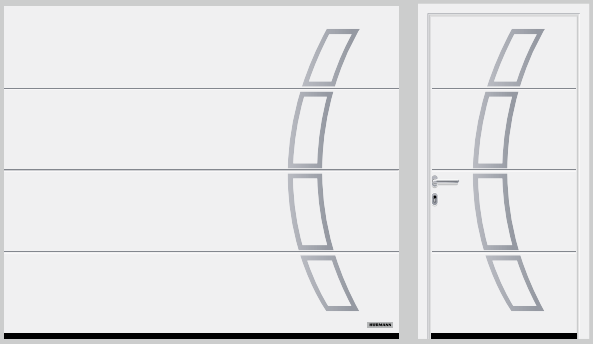
L-ribbed (LPU 67 Thermo, LPU 42), style 450, Traffic white RAL 9016



L-ribbed (LPU 67 Thermo, LPU 42), style 456, Traffic white RAL 9016



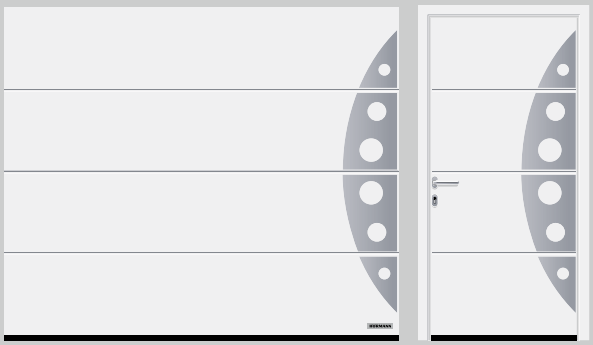
L-ribbed (LPU 67 Thermo, LPU 42), style 461 with glazing,
Traffic white RAL 9016 style 451 without glazing (not shown)



L-ribbed (LPU 67 Thermo, LPU 42), style 457, Traffic white RAL 9016



L-ribbed (LPU 67 Thermo, LPU 42), style 462 with glazing,
Traffic white RAL 9016 style 452 without glazing (not shown)



L-ribbed (LPU 67 Thermo, LPU 42), style 458, Traffic white RAL 9016



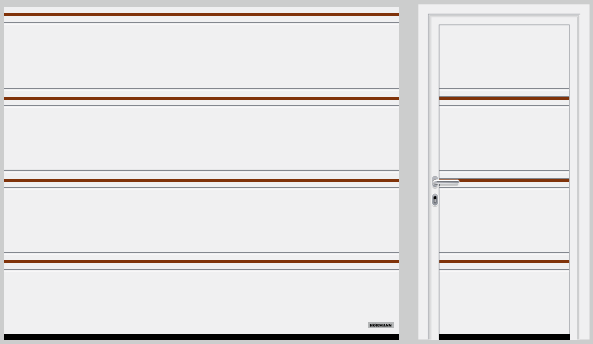
L-ribbed (LPU 67 Thermo, LPU 42), style 454, Traffic white RAL 9016



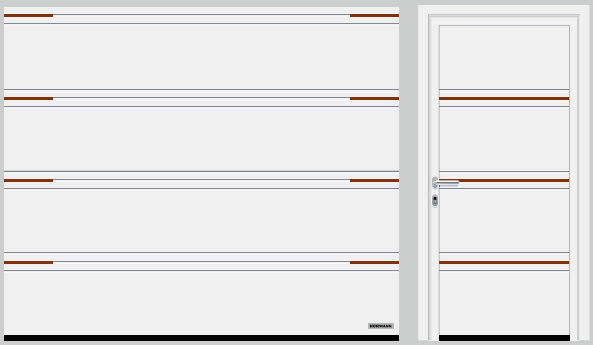
L-ribbed (LPU 67 Thermo, LPU 42), style 469 with glazing,
Traffic white RAL 9016 style 459 without glazing (not shown)



L-ribbed (LPU 67 Thermo, LPU 42), style 481 with glazing,
Traffic white RAL 9016 style 471 without glazing (not shown)



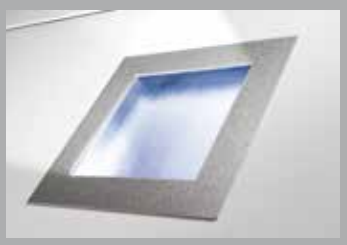
T-ribbed (LPU 42) style 501 with continuous inlays in stainless steel
or timber look (Fig.), or RAL to choose, Traffic white RAL 9016



T-ribbed (LPU 42) style 500 with divided inlays in stainless steel or timber
look (Fig.), Traffic white RAL 9016

Individual design styles

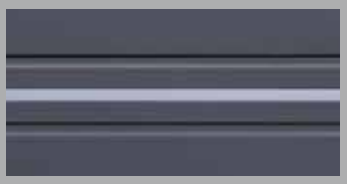
You can also individually position and combine the design elements on your door. You can design your own door style. Doors with a wicket door are also available with design elements. Your Hörmann partner would be pleased to advise you.



Design element with stainless steel
and synthetic glazing

Special accent with inlays

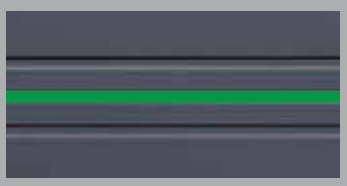
T-ribbed doors are available in two inlay versions: continuous inlays run along the whole door width, while divided inlays, each 435 mm wide, are positioned on the left and right edges of the door. The inlays are available in stainless steel or timber look as well as RAL to choose*.



T-ribbed with inlays in stainless steel look



T-ribbed with inlays in timber look

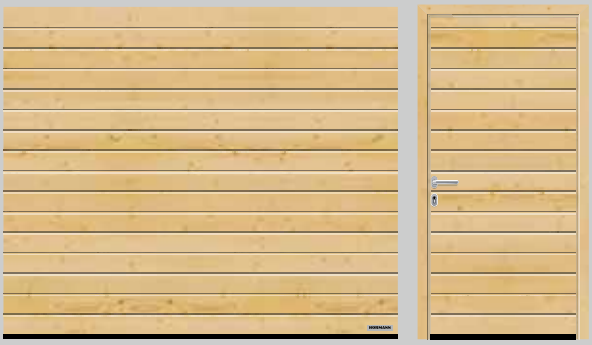


T-ribbed with inlays in RAL to choose
(Fig. shows inlay in RAL 6018)

LTH 42

Solid timber doors are excellently suited for timber houses or buildings with many timber elements, such as timber framing or facade elements.

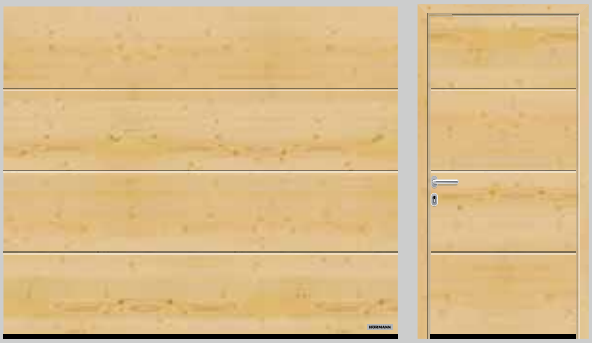




S-ribbed, Nordic Pine



M-ribbed, Nordic Pine



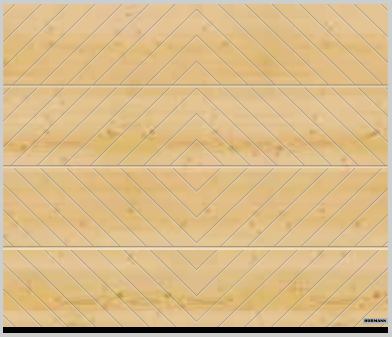
L-ribbed, Nordic Pine



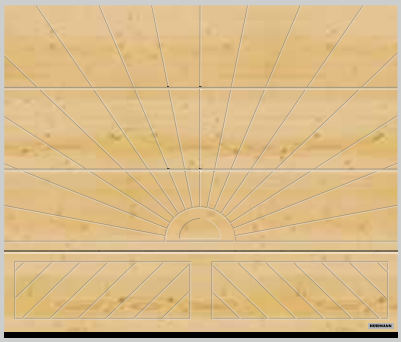
Panelled, Nordic Pine



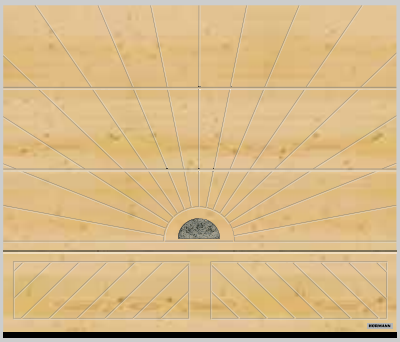
Style 401, Nordic Pine



Style 402, Nordic Pine



Style 403, Nordic Pine



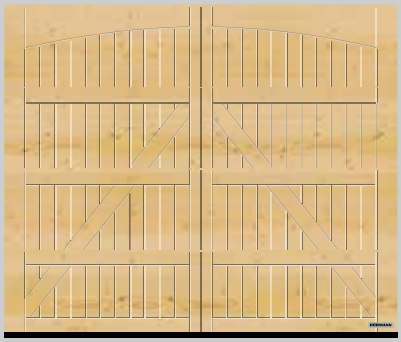
Style 403 with natural stone, Nordic Pine



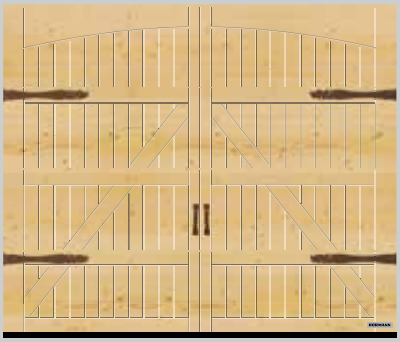
Style 404, Nordic Pine



Style 404 with natural stone, Nordic Pine



Style 405, Nordic Pine



Style 405, with optional hinged door fittings “Exclusive”, Nordic Pine



Individual designs

Design your own timber door: A simple drawing is enough for us to manufacture an individual door for you using a computer-aided mill.

Setting accents

Choose from 3 natural stones. In styles 403 and 404, natural stone is used as an attractive design feature. Variations in colour and structure are a natural characteristic.



Tropical-green



Multicolour-red



Balmoral-rosso

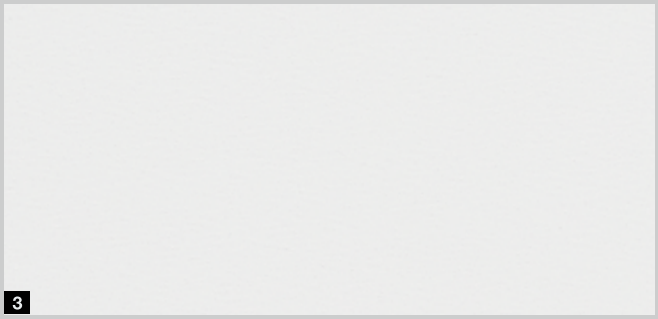
It’s your choice

Design your garage door to exactly fit your needs. For steel sectional doors you can choose from up to 4 surface finishes that you can adapt to match the colour of your home. Or choose one of 6 Decograin decors with a natural timber look or a decor with an elegant metallic effect. Solid timber sectional doors come in two types of timber that can be individually painted with one of 8 coloured varnishes.

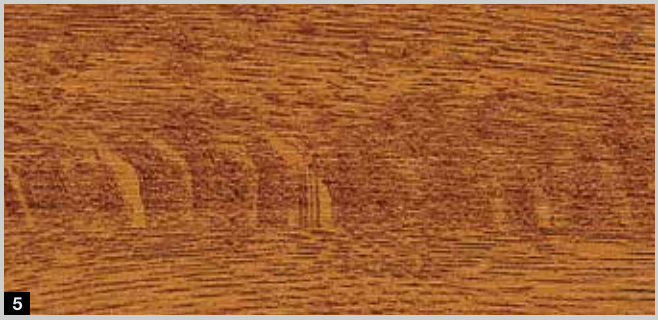
Steel surface finishes


1


2


3


4


5

Types of timber



6



7

1 Woodgrain

On this inexpensive, robust surface with an authentic sawn timber look, minor scratches can be easily repaired by working with the texture. This surface finish is available in Traffic white RAL 9016, in 15 preferred colours or in RAL to choose.

2 Sandgrain

The finely structured surface is an ideal choice for price-conscious owners and is particularly suited for modern homes. Available in Traffic white RAL 9016 and in 3 preferred colours.

3 Silkgrain

Thanks to its elegant door appearance, the silky smooth Silkgrain surface finish is the first choice for modern architecture. A 50 % thicker exterior sheet on the sections also ensures higher stability and even smoother running. This surface finish is available in Traffic white RAL 9016, in 15 preferred colours or in RAL to choose.

4 Micrograin

This surface features a wave profile that is embossed into smooth steel, producing attractive light and shadow effects. It is available in RAL 9016, in 15 preferred colours or in RAL to choose.

5 Decograin

Decograin surface finishes with UV-resistant plastic film coating give your sectional door a striking and authentic timber look or an elegant metallic appearance in Anthracite. You can select from 5 natural timber decors or an elegant metallic decor.

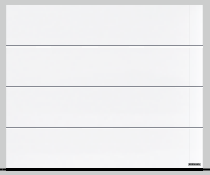
6 Nordic Pine

Nordic Pine is a light-coloured softwood with predominantly straight graining. Heart shakes, individual resin pockets, spiral graining and the yellowish brown “knots” are natural characteristics of the wood.

7 Hemlock

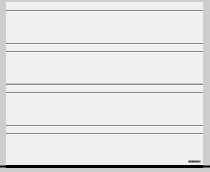
Hemlock is a greyish white to light-greyish brown softwood with predominantly straight grain, brown mineral stripes along the grain with bark pockets.

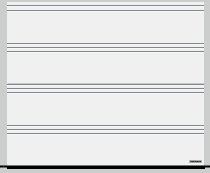




	S-ribbed	M-ribbed	L-ribbed
LPU 67 Thermo ■ NEW Double-skinned steel sectional doors			
Silkgrain		Traffic white RAL 9016 15 preferred colours RAL to choose	Traffic white RAL 9016 15 preferred colours RAL to choose
Decograin		3 decors: Golden Oak, Dark Oak, Titan Metallic CH 703	3 decors: Golden Oak, Dark Oak, Titan Metallic CH 703
Max. width Max. height		5000 mm 3000 mm	5000 mm 3000 mm
LPU 42 Double-skinned steel sectional doors			
Woodgrain	Traffic white RAL 9016 15 preferred colours RAL to choose	Traffic white RAL 9016 15 preferred colours RAL to choose	Traffic white RAL 9016 15 preferred colours RAL to choose
Sandgrain		Traffic white RAL 9016 3 preferred colours	Traffic white RAL 9016 3 preferred colours
Micrograin			Traffic white RAL 9016 15 preferred colours RAL to choose
Silkgrain		Traffic white RAL 9016 15 preferred colours RAL to choose	Traffic white RAL 9016 15 preferred colours RAL to choose
Decograin		6 decors: Golden Oak, Dark Oak, Night Oak, Rosewood, Winchester Oak, Titan Metallic CH 703	6 decors: Golden Oak, Dark Oak, Night Oak, Rosewood, Winchester Oak, Titan Metallic CH 703
Max. width Max. height	6000 (7000*) mm 3000 (5000*) mm	6000 (7000*) mm 3000 (5000*) mm	6000 (7000*) mm 3000 (5000*) mm
LTE 42 Single-skinned steel sectional doors			
Woodgrain	Traffic white RAL 9016	Traffic white RAL 9016	
Max. width Max. height	5000 mm 3000 mm	3000 mm 3000 mm	

* As sectional door SPU F42 Plus (for further information, see pages 86 / 87)







D-ribbed	T-ribbed	Panelled
		Traffic white RAL 9016 15 preferred colours RAL to choose
Traffic white RAL 9016 15 preferred colours RAL to choose	Traffic white RAL 9016 15 preferred colours RAL to choose	
		5 decors: Golden Oak, Dark Oak, Night Oak, Rosewood, Winchester Oak
6000 mm 3000 mm	6000 mm 3000 mm	5500 mm 3000 mm
		Traffic white RAL 9016
		3000 mm 3000 mm

Please note:

Detailed size ranges can be found on page 94.





	S-ribbed	M-ribbed	L-ribbed
LTH Solid timber sectional doors			
Nordic Pine	8 types of wood preservative	8 types of wood preservative	8 types of wood preservative
Hemlock	8 types of wood preservative	8 types of wood preservative	8 types of wood preservative
Max. width Max. height	5000 mm 3000 mm	5000 mm 3000 mm	5000 mm 3000 mm



	Panelled
LTH Solid timber sectional doors	
Nordic Pine	8 types of wood preservative
Hemlock	8 types of wood preservative
Max. width Max. height	5000 mm 3000 mm

Please note:

Detailed size ranges can be found on page 94.





▲ S-ribbed in Woodgrain Anthracite grey RAL 7016;
Hörmann aluminium entrance door ThermoSafe, style 650 Anthracite grey RAL 7016


30



▲ S-ribbed in Woodgrain Fir green RAL 6009



▼ S-ribbed in Woodgrain in Traffic white RAL 9016
with matching side door





▲ S-ribbed with solid timber panels in Hemlock
with side door in matching appearance





▲ M-ribbed in Silkgrain Anthracite grey RAL 7016;
Hörmann aluminium entrance door ThermoSafe, style 861 Anthracite grey RAL 7016





▶ M-ribbed in Silkgrain Traffic white RAL 9016 with LED light strip on lintel and light key switch posts SLS







▲ M-ribbed with solid timber panels in Hemlock

◀ M-ribbed in Decograin Titan Metallic CH 703
as industrial sectional door SPU F42 Plus
for garages up to 7000 mm wide
(for further information, see pages 90 / 91)





▲ L-ribbed in Decograin Titan Metallic CH 703

▲ L-ribbed in Decograin Titan Metallic CH 703 as industrial sectional door SPU F42 Plus for garages up to 7000 mm wide
(for further information, see pages 90 / 91)

▶ L-ribbed in Decograin Winchester Oak with matching side door





▼ L-ribbed in Silkgrain Ochre brown RAL 8001







▶ L-ribbed design style 461 with glazing elements in Silkgrain CH 703; Hörmann aluminium entrance door ThermoSafe style 173

▼ L-ribbed design style 450 in Silkgrain Light grey RAL 7035; Hörmann aluminium entrance door ThermoSafe style 693





▲ L-ribbed design style 457 in Silkgrain Traffic white RAL 9016; Hörmann aluminium entrance door ThermoSafe style 188



For further information on Hörmann entrance doors, see the Entrance Doors brochure.



▲ Hörmann aluminium entrance door ThermoCarbon style 304, Anthracite grey RAL 7016



▲ D-ribbed in Silkgrain Anthracite grey RAL 7016



▶ T-ribbed in Silkgrain Anthracite grey RAL 7016 style 501 with continuous inlays in stainless steel look

▼ T-ribbed in Silkgrain Anthracite grey RAL 7016 style 500 with divided inlays in timber look







▲ T-ribbed style 501 in Silkgrain Stone grey RAL 7030 with continuous inlays in timber look



▲ Panel in Woodgrain Traffic white RAL 9016; Hörmann aluminium entrance door ThermoSafe style 449 in Traffic white RAL 9016









▲ Panelled with solid timber panels in Hemlock with wood preservative in Limestone white

▶ Panelled in Decograin Golden Oak



◀ Panelled in Woodgrain Traffic white RAL 9016

Exclusive facade designs

With on-site, flush-fitting facade cladding, you can design your sectional door according to your wishes with timber, metal, ceramic, plastic and many other materials. This way your garage door is seamlessly integrated into the overall design of your home.
The door basis for facade cladding is a Hörmann industrial sectional door ALR F42 with an aluminium frame construction and PU sandwich infill.
For further information, see the planning aid at www.hoermann.de or seek the expert advice of your Hörmann specialist dealer.



▶ Sectional door ALR F42 with on-site cladding



▼ Sectional door ALR F42 with on-site cladding







◀ Sectional door ALR F42 Vitraplan

ALR F42 Vitraplan

The door is especially elegant thanks to offset, flush-fitting glazing. The frame profile is concealed, so nothing detracts from the overall appearance. This exclusive door fascinates with a mix of mirroring and transparency.

▶ Door style 405, painted white on-site with hinged door fitting kit and decorative handles

▼ Door style 403 in Nordic Pine with tropical green natural stone







◀ Door style 402 in Nordic Pine with a matching side door



Individual designs

Design your timber door to, for example, display your initials, house number or your favourite motif. Just provide us with an appropriate drawing and we will create a personal garage door for you. It will be an enviable original.

A bright variety

No matter the architectural style, with Hörmann, you are guaranteed to find a sectional garage door to fit your personal style and home. For steel sectional doors, you can choose from 15 equally-priced preferred colours, approx. 200 RAL colours and 6 Decograin decors. The door surfaces are optimally protected against rust allowing you to enjoy your new door for a long time. Rain runs off without leaving any streaky marks thanks to the use of hot-galvanized material and a high-quality polyester-primer coating on both sides. Solid timber doors are available in two types of timber, each of which can be glazed in one of 8 colours to match your home.





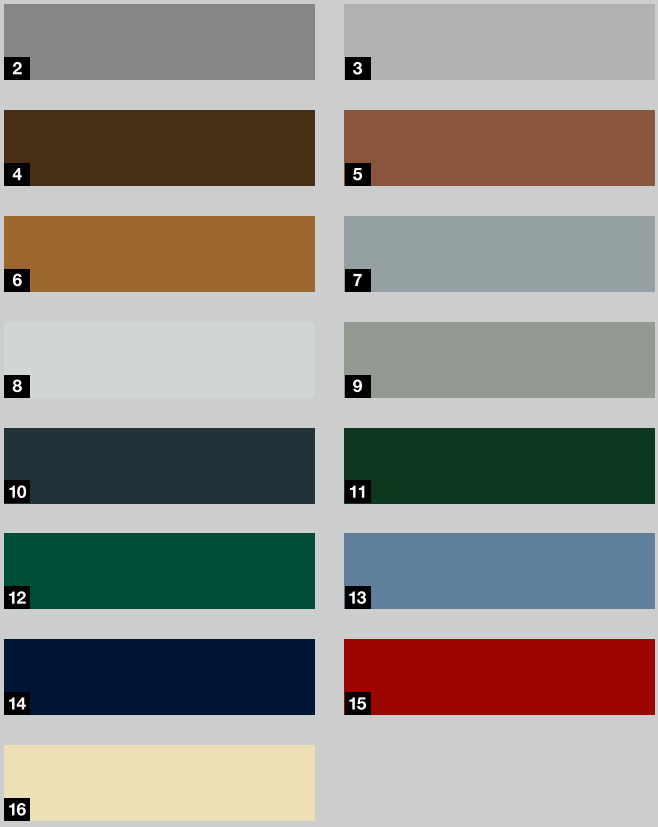
Beautiful and protective colour

Double-skinned LPU sectional doors and side doors are available as standard in Traffic white, RAL 9016, as well as in 15 inexpensive preferred colours and in around 200 colours from the RAL colour chart *, as well as in many NCS and DB colours. You can choose from 3 preferred colours** for the surface finish Sandgrain. Single-skinned LTE 42 doors are only available in Traffic white***.

Standard colour



15 preferred colours



1	RAL 9016	Traffic white
2	RAL 9007	Grey aluminium
3	RAL 9006	White aluminium**
4	RAL 8028	Terra brown**
5	RAL 8003	Clay brown
6	RAL 8001	Ochre brown
7	RAL 7040	Window grey
8	RAL 7035	Light grey
9	RAL 7030	Stone grey
10	RAL 7016	Anthracite grey **
11	RAL 6009	Fir green
12	RAL 6005	Moss green
13	RAL 5014	Pigeon blue
14	RAL 5011	Steel blue
15	RAL 3003	Ruby red
16	RAL 1015	Light ivory

Please note:

Sectional garage doors are generally supplied in Grey white, RAL 9002 on the inside of the door.

Dark colours should not be used for double-skinned steel doors that are exposed to the sun, as possible section deflection may damage the door.

All colours based on RAL.

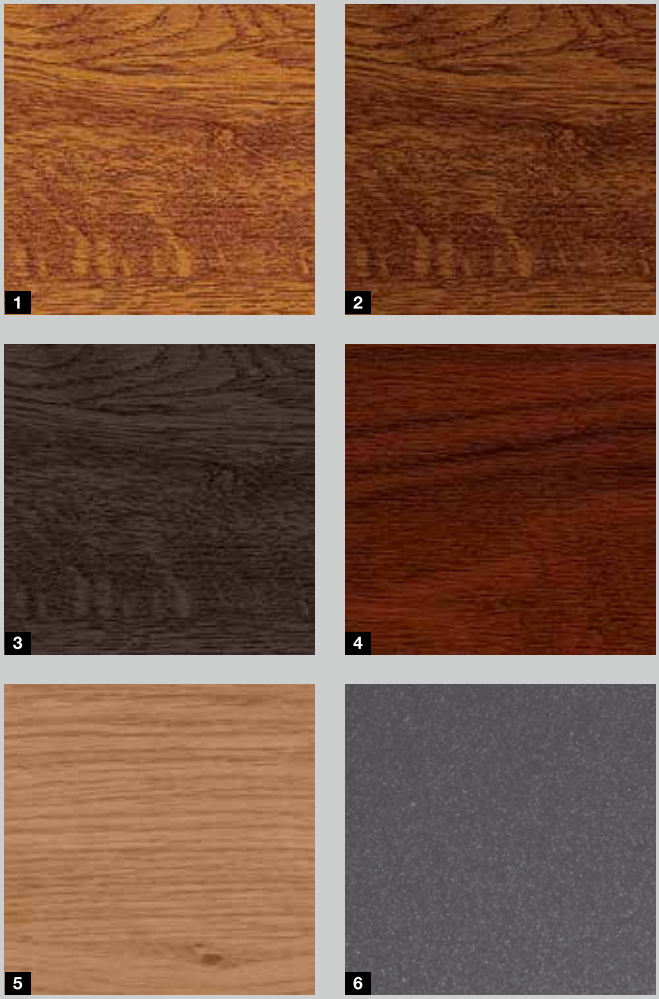
The colours and surfaces shown are subject to the limitations of the printing process and cannot be regarded as binding. Please consult with your local Hörmann specialised dealer.

* RAL Classic colours, with the exception of pearl-effect, fluorescent and metallic colours
** Preferred colours for Sandgrain surface finish
*** UK LTE doors are available in a colour option

Elegance and detailed accuracy

Decograin is available in five natural-looking timber designs and with an anthracite metallic effect. An embossed wood grain gives it an authentic timber character. The door remains beautiful for a long time thanks to the special surface protection of the UV-resistant plastic film coating on the outside of the steel sections.

6 Decograin decors



1 Decograin Golden Oak: medium brown, golden yellow oak design
2 Decograin Dark Oak: walnut-coloured oak decor
3 Decograin Night Oak: dark, intense oak design*
4 Decograin Rosewood: mahogany-coloured timber design*
5 Decograin Winchester Oak: natural-coloured knotty oak design*
6 Titan Metallic CH 703: Anthracite with a metallic effect

* Not for LPU 67 Thermo

Natural types of solid timber

Nordic Pine is a light-coloured softwood with predominantly straight graining. Heart shakes, individual resin pockets, spiral graining and the yellowish brown “knots” are natural characteristics of the wood.

Hemlock is a greyish white to light-greyish brown softwood with predominantly straight grain, brown mineral stripes along the grain with bark pockets.



Please note:

The timber is impregnated at the factory to protect it against insect and fungal attack. To protect it from weathering and retain its beautiful appearance, please treat the timber with a wood preservative.

With wood preservatives, the wood content may show through the coating, leading to a change in the surface colour.



2 types of solid timber





8 types of wood preservative



1 Nordic Pine, impregnated
2 Hemlock, impregnated
3 Limestone white, painted or opaque
4 Pine
5 Teak
6 Rosewood
7 Ebony
8 Agate grey
9 Fir green
10 Nordic red

Aesthetic, understated, secure

If your garage does not have a second entrance, you can optionally open your automatic garage door LPU 42, LTE 42 and LTH 42 from the outside with a beautifully designed handle or an understated emergency release lock.



Please note:

All colours based on RAL.


1


2


3


4


5


6


7

Door Handles

Hörmann door handles are set apart by a contemporary, modern shape. Here, the selection of material is not just a question of personal taste. For example, stainless steel handles are particularly robust and have a tough surface finish.
The lock can be integrated in the home locking system. Manually operated doors with a handle are locked and break-in-resistant with a latch lock 7. In this lock, a sturdy, automatic latching disc engages around a massive bolt on the side frame.

Emergency release

If you do not want a handle on your automatic sectional door, we recommend using an emergency release lock 6 on garages without a second entrance. An inconspicuous round cylinder (cannot be integrated in the home locking system) releases your garage door and you can easily open it in the case of an emergency. For automatic sectional doors with a handle, you can use a lever handle to operate the emergency release. The door is then unlocked via a Bowden cable on the inside.

For sectional doors LPU 42, LTE 42 and LTH 42

1 Black plastic
2 White cast aluminium, RAL 9016
3 Silver cast aluminium
4 Brushed stainless steel
5 Brown cast aluminium, RAL 8028
6 Emergency release lock
7 Latch lock

Only from Hörmann

Duratec glazing

More light, less energy consumption

Depending on the door type, you can select from various types of glazings with clear (Fig. right) or textured panes.

Clear synthetic glazing from Hörmann comes as standard with DURATEC glazing.

It offers:

- Maximum scratch resistance
- A permanently clear view
- Improved thermal insulation



Please note:

Glazing is also possible in the two bottom door sections after technical inspection.



1 Glazing type D *
2 Aluminium frames**
3 Classic glazing S0 *
4 Classic glazing M0 *
5 Classic glazing L0 *
6 Classic glazing S1
7 Classic glazing S2
8 Sunrise glazing S10
9 Sunrise glazing S60
10 V-panelled glazing V0

The glazings shown (1 – 8, 10) correspond to a door width of 2500 mm.

* Individual arrangement of glazings is possible
** Rails are possible

Your Hörmann partner would be pleased to advise you about the numerous glazing options.

	Glazing type D	Aluminium frame	Classic glazing	Sunrise glazing
Design				
S-ribbed	●	●		
M-ribbed	●	●	●	●
L-ribbed	●	●	●	●
D-ribbed	●	●		
T-ribbed	●	●		
Panelled			●	●
Glazing frames				
Version	Plastic (in all colours, also different from door colour)	Aluminium (in all colours, also different from door colour)	Plastic (in all colours, also different from door colour)	Plastic (in all colours, also different from door colour)
Clear / textured glazing				
Single / double pane LPU 42, LTE 42	●	●	●	●
Triple pane LPU 67 Thermo	●	●	●	●

Only from Hörmann

An easy passage into your garage

A door in the door lets you easily access whatever you have in your garage, such as gardening tools, bikes or wheelbarrows. Only Hörmann offers a wicket door with a stainless steel threshold that is only 10 mm in the centre and 5 mm high at the sides. This reduces the risk of tripping up and makes it easier to wheel things through. The aluminium door frame is anodised as standard in a natural finish and is also available in all colours. The top garage door section, also in the wicket door area, comes with a continuous lintel seal.



Please note:

Wicket doors with trip-free threshold are only available for sectional door LPU 42.

On request, Decograin wicket doors can be supplied with the frame painted to match the colour of the decorative finish. The frame is available in all colours, also different from door colour.

In some cases, adjacent panelled doors with the same width, with and without a wicket door, may not have an identical panel division.

Manually-operated garage doors with a wicket door do not have an outside handle. They are locked from the inside.

The optional leading photocell VL 2 stops the door without contact. This further increases the safety of your garage door with wicket door and trip-free threshold.







1 Overhead door closers

As standard, wicket doors are supplied with slide rail door closers incl. integrated opening angle limit and hold-open device (top figure). An integrated door closer, including hold-open device (fig. on bottom) is optionally available for optimum protection and the best appearance.



2 Optional multiple-point locking

The wicket door is locked over the entire door height with one bolt and hook bolt per section. The advantage: better stability and improved break-in-resistance.



3 Robust door catch

This prevents door-leaf drop and buckling.



4 Concealed hinges

For a uniform look, the wicket doors are equipped with concealed hinges as standard.

A matching side door for every garage door

Design a side entrance to match your garage door.
On request, side doors are also available in the same ribbing or panel division as your sectional door.

Garage side doors
Single-leaf / double-leaf

Hörmann side doors are supplied ready-to-fit with profile cylinder mortise lock, round handle/lever handle set with oval rose escutcheons and with 3-way adjustable hinges. Door leaf frames are made of weather-proof aluminium extrusions (depth 60 mm) with all-round seals. Double-leaf side doors are also available with asymmetrical division i.e. with uneven door leaf widths.



Garage side door	**Single-leaf**		**Double-leaf**
Leaf frames	Narrow	Wide	Wide
Aluminium block frame	●		●
Aluminium corner frame	●		–
Narrow leaf frame	●		–
Wide leaf frame	●		●
Thermal insulation	U = 2.7 W/(m²·K)		U = 2.9 W/(m²·K)

For further information, see pages 100 / 101 or contact your Hörmann partner.













1 Lever handle set

Choose between the standard lever handle or many optional lever handle or lever / knob handle sets (Fig: stainless steel lever handle set). Your Hörmann partner would be pleased to advise you.

2 Matching

Decograin side doors come with identical surface finishing for the frame, subframe and door to create a matching appearance. The inside of the sections is Grey white, RAL 9002, as standard.

3 Break-in-resistant

The optional 3-point locking for profile type 2 is equipped with a latch, bolt, 2 locking hooks and security rose escutcheon. The double-leaf side door with 3-point locking fulfils break-in resistance class RC 2.

4 Insulated version

TopComfort NT 80-2 available with door leaf with thermal break, frame and threshold.

KEINBRUCH

SICHERN SIE IHR ZUHAUSE!

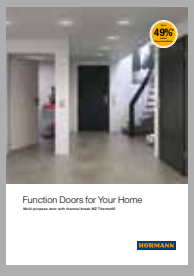
WWW.K-EINBRUCH.DE

The approved resistance class of our side doors with triple locking is also recommended by the police.



MZ Thermo multi-purpose door

If you highly value good thermal insulation, an MZ Thermo external door with thermal break is the best choice for you. It has an excellent thermal insulation value of 1.2 W/(m²·K). An RC 2 version is optionally available (KSI Thermo).



Additional information can be found in the Function Doors for Your Home brochure.

Out with the old, in with the new

At some point it is simply time to modernise your garage door. Hörmann can provide you with an attractive and appropriate solution for any fitting situation. Inexpensive standard sizes, especially created for modernisation, will save you money and get you using your new sectional door faster. Your Hörmann partner also provides you with a complete package of services:

- Qualified consultation
- Measurement on-site
- Professional fitting
- Removal and environmentally-friendly disposal



 Your Hörmann partner would be pleased to advise you on-site.


HÖRMANN
Tore • Türen • Zargen • Antriebe
GT JA 19

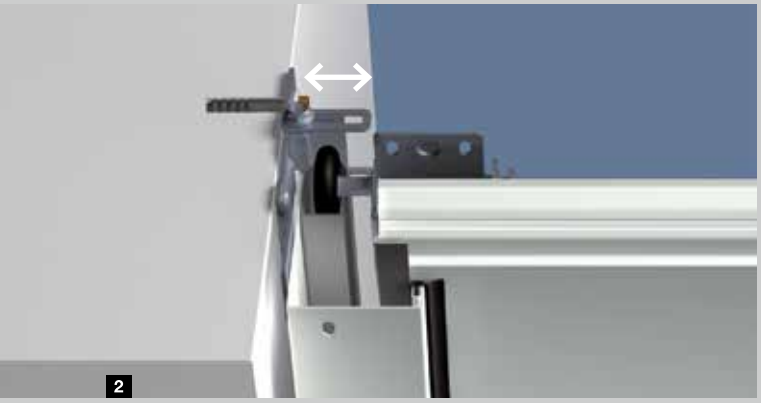


Standard fitting

The sectional door can be fitted behind the opening. The reveal guarantees stable fitting. This allows the frame to be screwed directly into the wall behind the opening.

Ideally, the available garage has at least 100 mm of clearance in the lintel area (at least 115 mm for doors with operators) and a 90 mm sideroom.

Hörmann sectional doors come with all the necessary fitting materials for this situation.



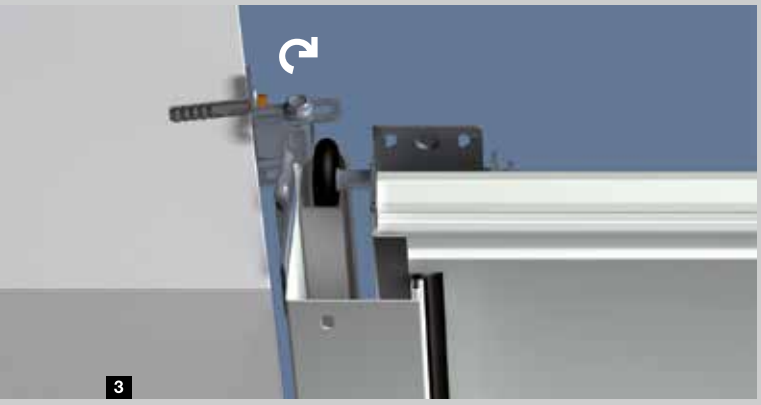
Special anchor for frame side fixing

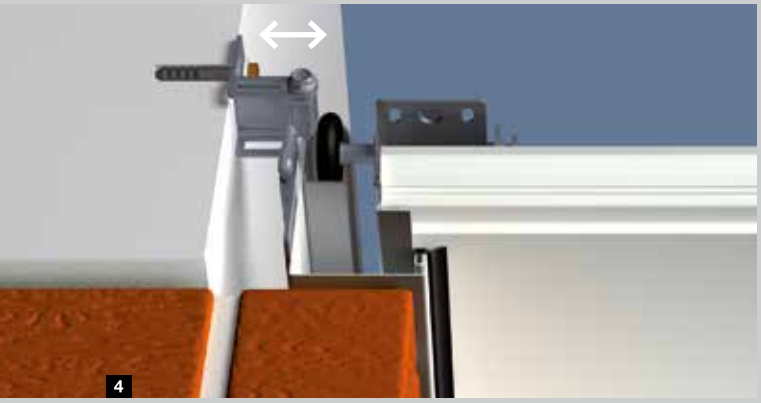
The sectional door frame can be fitted to the side wall of the garage with Hörmann's optional, universal anchors. Irregularities in the wall can be easily compensated, leaving the reveal intact.

2 Fitting with up to 35 mm wall spacing

3 Fitting with angled or irregular side wall

4 Fitting with non-load bearing facades (facing brick or thermal insulation) with at least 90 and max. 125 mm sideroom







Fascia panels for standard fitting behind the opening with small lintel space

For all door versions, our standard fascia panels always match the door surface finish and colour or style and can thus be visibly mounted in the opening.



Double-skinned fascia panel for fitting in the opening with larger gap to the ceiling

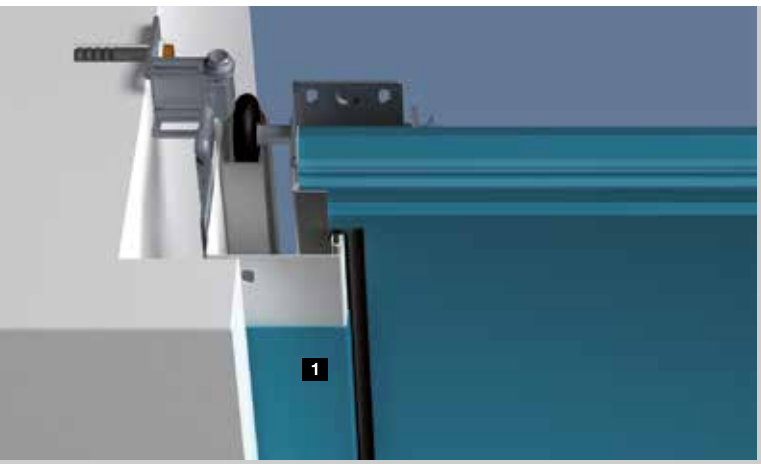
A matching, double-skinned additional fascia panel covers the gap between the ceiling and fascia panel. It is available for all surface finishes and colours or designs. Glazings are also possible after technical inspection.
This panel can be optionally supplied as an aluminium frame.

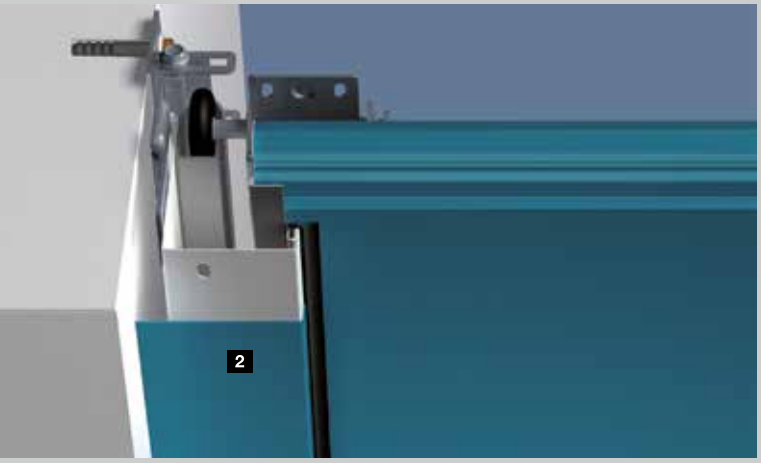


Flush-fitting fascia panels

For LPU 42 doors, a fascia panel is the most elegant solution for an invisible transition between the panel and door leaf. When the door is closed, the top door section is flush with the panel. It is available for all door styles with all surface finishes and colours or designs (panelled on request).

For further information, please see the fitting data or contact your Hörmann partner.





Frame covering in the colour of the door

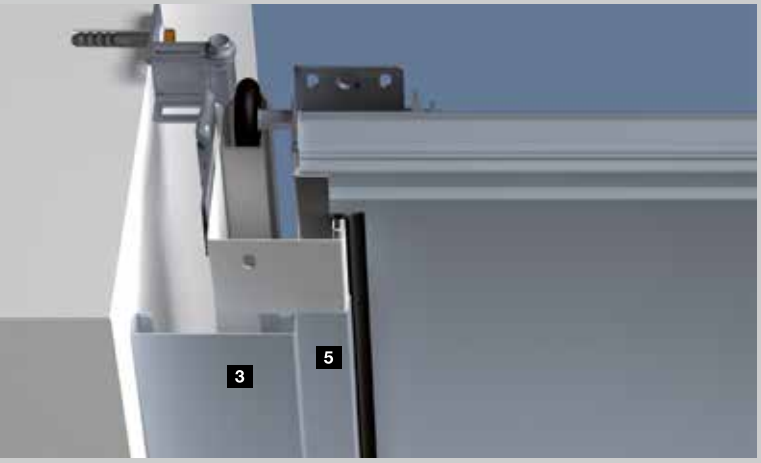
At Hörmann, side frames are delivered in Woodgrain white as standard. With a frame covering that matches the door sections' surface finish and colour or decor, you can also achieve a harmonious appearance for doors. For Micrograin doors, the frame covering comes with a smooth Silkgrain surface finish.

Two different widths make it possible to cover the side frame for different fitting situations.

1 55-mm-wide frame covering for fitting behind the opening, with little sideroom (< 90 mm)

2 90-mm-wide frame covering for fitting in the opening, flush with the wall





Fascia frame set for lintel and side

A door in an inexpensive standard or modernisation size can be fitted in the opening. The remaining gap between the side wall and door frame (max. 35 mm) is covered using a fascia frame set 3. This set comes with fascia panels in the surface finish and colour or design of the door sections, end caps and fixing materials. For Micrograin doors, the frame covering comes with a smooth Silkgrain surface finish.

The fascia panels 4 match the surface finish and colour or decor of the door as standard. Additionally, the side frame is covered with a frame covering 5 in the surface finish and colour or decor of the door sections.



Retrofit fascia set to properly cover damaged wall edges

Unattractive gaps in the lintel and opening areas can be covered easily with the optional retrofit fascia, doing away with the need for additional brick laying and plastering work. Additional brickwork and plastering work are no longer required.

The set with 3 fascia panels (each 3 metres long) is available in all surface finishes and colours or decors to match the door. Micrograin doors are supplied with retrofit fascias in a smooth Silkgrain version.





Overall solution for sectional doors in concrete pre-fabricated garages

Broader fascia panels 1 for fitting in concrete pre-fabricated garages perfectly cover the lintel area of the opening.

The special door frame with pre-fitted anchors and frame fascias 2 is fitted to the side wall or on the conical sideroom. The wide frame fascia covers the existing gap between the frame and the opening.

This door version is available in the surface finishes Woodgrain and Silkgrain in all colours.



Recess set

When removing an old up-and-over door and fitting a new LPU 42 sectional door, a time-consuming process is often necessary to remove the threshold rail or straighten the ground. With the recess set, these steps can be omitted as the sectional door is positioned in front of the threshold rail.

The set consists of a compensation profile 1 and special track applications. The frame must be shortened by 25 mm if the set is used. This can either be ordered in the desired dimensions or shortened on-site.

For further information, please see the fitting data or contact your Hörmann partner.

Reliable, safe and maintenance-free

Hörmann garage door operators are perfectly matched to your Hörmann sectional door. The result: simple operation, maximum convenience and the greatest operational safety. On encountering an unexpected obstruction, the automatic safety cut-out stops the door safely and reliably. Your door opens and closes quietly and smoothly with the soft start and soft stop. Our elegant hand transmitters allow you to open your gate from your car as easily as you would operate a TV. You can also operate your door using stationary control elements, such as a radio code switch or radio finger-scan.



More information can be found in the Garage Door and Entrance Gate Operators brochure.



SupraMatic – the supra-fast operator with many additional functions



- As standard with 5-button hand transmitter HS 5 BS and a HSE 4 BS
- Inquiry of the door position
- Low power consumption
- Easy to program
- 2 × 7-segment display
- Separately switchable LED lighting with energy efficiency class A++ ■ **NEW**
- Adjustable ventilation slot
- Automatic door locking
- Operator cover made of brushed aluminium



Standard hand transmitter HS 5 BS black textured surface



HSE 4 BS textured black with plastic caps

Garage door operators	SupraMatic E	SupraMatic P
Special feature		For timber doors and doors with wicket doors
Equipment		Photocell
Cycles per day / hour	25 / 10	50 / 10
Pull and push force	650 N	750 N
Peak force	800 N	1000 N
Opening speed max.	22 cm/s	22 cm/s
Max. door width	5500 mm	6000 mm
Max. door surface	13.75 m²	15 m²

* The complete warranty conditions can be found at: www.hormann.co.uk

ProMatic – the good-value starter model as an introduction to Hörmann's premium quality

- As standard with two black 4-button HSE 4 BS hand transmitters
- Adjustable ventilation slot
- Automatic door locking
- LED lighting with energy efficiency class A++ ■ **NEW**



ProMatic Akku for garages without a power connection

- Standard hand transmitter and functions as with the ProMatic
- Optional solar module to recharge the battery



Standard hand transmitter HSE 4 BS black textured surface with plastic caps

Garage door operators	ProMatic**	ProMatic Akku**
Special feature		For garages without power connection
Cycles per day / hour	12 / 5	5 / 2
Pull and push force	600 N	350 N
Peak force	750 N	400 N
Opening speed max.	14 cm/s	13 cm/s
Max. door width	5000 mm	3000 mm
Max. door surface	11.25 m²	8 m²



ProMatic Akku with solar module

* The complete warranty conditions can be found at: www.hormann.co.uk
** Not for LPU 67 Thermo

Mobile and stationary

With Hörmann, everything fits together. Using the same hand transmitter, you can operate your garage door as well as an entrance gate equipped with a fully compatible Hörmann operator or other devices with Hörmann receivers. With the BiSecur app, you can conveniently control your Hörmann garage door or entrance gate operators, Hörmann entrance door* and other devices using your smartphone or tablet. You can also display the door position for your garage door or entrance gate, as well as the locking state of your entrance door* while on the go.

* With special equipment





For additional information, see the BiSecur SmartHome brochure.





Hand transmitter HS 5 BS
4 button functions
plus query button
1 high-gloss surface black or white
2 textured surface black



Hand transmitter HS 4 BS
4 button functions
3 textured surface black

Hand transmitter HS 1 BS
1 button function
4 textured surface black

Hand transmitter HSE 1 BS
1 button function,
incl. eyelet for key ring
5 textured surface black



Hand transmitter HSE 4 BS
4 button functions
incl. eyelet for key ring
6 textured surface black
with chrome or plastic caps

Hand transmitter HSE 2 BS
2 button functions
incl. eyelet for key ring
7 high-gloss surface
black or white
8 high-gloss surface green,
purple, yellow, red, orange
9 decors in silver, carbon,
dark rootwood

(Shown from left to right)





10 **Hand transmitter HSD 2-A BS**
Aluminium look,
2 button functions,
can also be used as a key ring

11 **Hand transmitter HSD 2-C BS**
High-gloss chrome,
2 button functions,
can also be used as a key ring



12 **Hand transmitter HSP 4 BS**
4 button functions,
with button lock-out,
incl. key ring



13 **Hand transmitter HSZ 1 BS**
1 button function,
for insertion in vehicle
cigarette lighter

14 **Hand transmitter HSZ 2 BS**
2 button functions,
for insertion in vehicle
cigarette lighter



Hand transmitter

Hörmann offers numerous beautifully shaped models that can be assigned up to 5 functions. All control elements use our innovative BiSecur radio technology.



HSZ hand transmitter

The alternative to homelink systems: integrated in an inconspicuous spot in your car. Inserted in the vehicle's cigarette lighter, the HSZ hand transmitter is easily accessible and convenient to operate.



Radio code switch
FCT 3 BS
For 3 functions,
with illuminated buttons



Radio code switch
FCT 10 BS
For 10 functions,
with illuminated buttons
and protective cover



Radio finger-scan
OFF 12 BS
For 2 functions
and up to 12 fingerprints



Recessed radio transmitter
For recessed buttons
with up to two functions,
central installation
in the house within sight
of the garage door

HSU 2 BS: for switch boxes
with 55 mm Ø
with connection
to the house mains supply
FUS 2 BS: for switch boxes
with 55 mm Ø
including 1.5 V battery



Radio internal push button
FIT 2-1 BS ■ **NEW from autumn 2017**
For 2 functions,
connection option for maximum
2 control elements via cable
e.g. key switches



Radio internal push button
FIT 1 BS
1 button function with large
button for simple operation



Radio internal push button
FIT 4 BS
4 button functions



Radio internal push button
FIT 5 BS
4 button functions
plus query button



Radio receiver electric socket
FES 1 BS
For switching lights
and other devices on
and off up to 2500 watt
FES 1-1 BS
For controlling (impulse)
operators of other makes
and switching lights and other
devices on and off
up to 2500 watt



Key switch ■ NEW
1 STUP 50
2 STAP 50
In a recessed version and surface-mounted version, including 3 keys



Transponder key switch TTR 1000-1 ■ NEW
For 1 function,
for 1000 teachable keys,
1 keys in scope of delivery
(more on request)



Code switch CTP 3-1 ■ NEW
For 3 functions, with illuminated lettering and touch-sensitive black touch surface



Code switch CTR 1b-1 / 3b-1 ■ NEW
For 1 or 3 functions



Code switch CTV 3-1 ■ NEW
For 3 functions, particularly robust with metal keypad



Internal push button IT 1b-1 ■ NEW from autumn 2017
Large, illuminated button for convenient opening of the door



Internal push button IT 3b-1 ■ NEW from autumn 2017
Large button with illuminated ring for opening of the door, buttons for the operator light and to switch off the radio control (only for SupraMatic)



Photocell EL 101
One-way photocell system, immediately stops the door when the light beam is interrupted



Emergency battery HNA for garage door operators
Emergency power supply to bypass power failures up to 18 hours and max. 5 door cycles, recharges during normal operation, for all current Hörmann garage door operators



LED light strip
Neutral white light, variable plug-in system, can be fitted to lintel or bottom edge of door leaf, LED spacing: 125 mm, energy efficiency class A

Optimum ventilation of the garage can effectively prevent mould

It is very important to ventilate the garage regularly; especially if insulated garage doors are fitted in poorly insulated garages. Ventilation is achieved by folding down the top section (optional equipment) top prevent dirt, leaves or small animals from entering the garage. An additional climate sensor, which automatically regulates ventilation, is recommended for energy-efficient ventilation.









1 Ventilation slot on the topmost section

- Ventilation slot through optional folding roller bracket on the top section
- Bottom door section remains sealed on the ground, thus offering protection against small animals or leaves
- Can be operated at the push of a button via the “2nd opening height” function
- Optionally available for all sectional garage doors LPU 67 Thermo, LPU 42* with operator
- All sectional garage doors LPU 42* can be retrofitted with operator SupraMatic** or ProMatic**

2 Inside climate sensor HKSI for automatic garage ventilation ■ NEW from autumn 2017

- For monitoring humidity in the garage
- For automatic ventilation of the garage using the “2nd opening height” operator function
- If humidity is too high the door automatically opens
- When humidity is adjusted the door closes again automatically
- Adjustable temperature range in which the door does not open (e.g. if there is a risk of frost in the garage)
- Adjustable operating hours (e.g. overnight shut-off)
- Adjustable opening hours (e.g. max. 2 hours per ventilation)
- Possible upgrade with exterior sensor HKSA 3: measures the humidity outside and prevents the door from opening in case of high humidity levels
- Possible upgrade with an on-site fan for fast and effective ventilation
- For operator SupraMatic (from Index C) and operator WA 300 S4 (from Index D)

* Only track application N, L, Z
** From year of manufacture 2012

Operating comfort with the highest security

Safety while operating the garage door is top priority for Hörmann. And Hörmann sets the standards for this with its innovative solutions. This has been proven time and time again through numerous Hörmann patents. Hörmann sectional doors are tested and certified in accordance with the high safety requirements of European standard 13241-1, not only on their own but also in combination with operators. It would be hard to find a safer sectional door.
And this provides you and your family with safety during daily use.

It pays to compare!





Hörmann patent



Hörmann patent



Hörmann patent





1 Tension spring assembly with spring-in-spring system

Double tension springs and double cabling on each side safeguard the door leaf against crashing to the floor. Thanks to the patented spring-in-spring system, broken springs are prevented from flying out and causing injuries. Sectional doors up to 3000 mm wide and 2625 mm high include the proven tension spring technology as standard.

2 Torsion spring assembly with integrated spring safety device

Torsion springs on both sides feature a patented spring safety device. In the event of a spring breaking, they arrest the door immediately, thereby preventing the door leaf from crashing to the floor. Larger sectional doors and doors with integral wicket door or garage doors with solid timber panels feature torsion spring technology.

3 Secure guidance of the door in safety tracks

Patented, adjustable track rollers, sturdy roller holders and safety tracks ensure that there is no danger of the door “derailing”. The door sections are safely parked under the ceiling.

4 Finger trap protection on the inside, outside and on the hinges

The unique form of the door sections eliminates trap points, both between the sections and on the hinges.
Both between the sections and on the hinges.

5 Trap guard on the side frame

With Hörmann, the frames are completely closed from top to bottom. There are no gaps between the door leaf and frame in which fingers could get trapped!

The premium and energy-saving door

LPU 67 Thermo is the best choice for you, if your garage is directly attached to the house or if you use the room as a workshop or hobby room. Thanks to excellent thermal insulation and the harmonious inside view in the premium version, it meets all the needs of a multi-purpose room you can feel comfortable in.

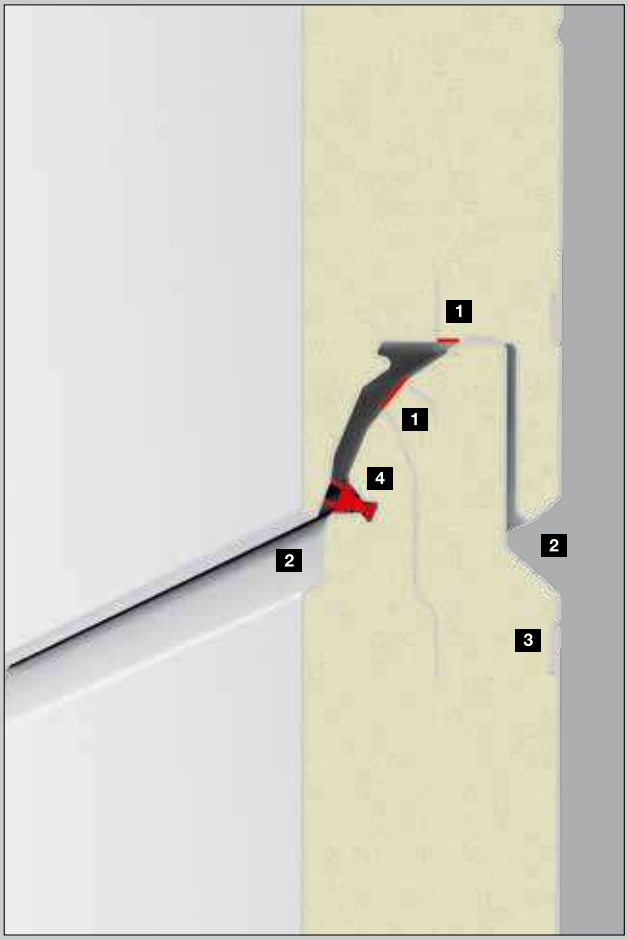


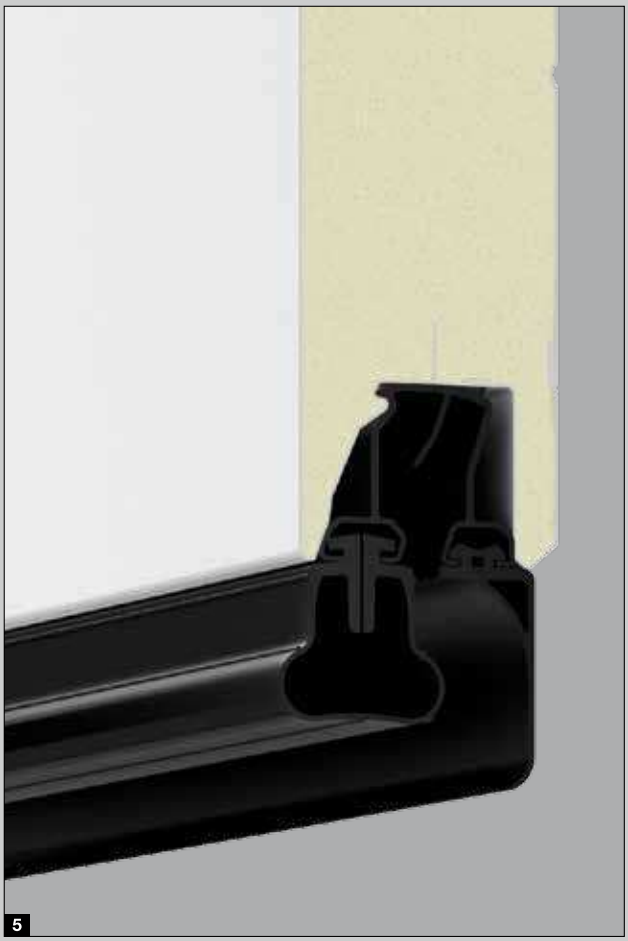
Standard version
Galvanized fittings, frame, tracks and connection rails



Premium version
Fittings, frames, tracks and connection rails in Grey white RAL 9002 (matching the inside of sections) as well as tandem track rollers for very quiet and gentle door travel

* Galvanized spring assembly incl. holder, spring safety device, cable drum, operator boom





Standard version with excellent thermal insulation

- **U-value of sections: 0.33 W/(m²·K)**
- **U-value of door*: 1.0 W/(m²·K)**
- **Up to 30 % better thermal insulation compared to a sectional garage door LPU 42**

1 67-mm-thick sections with thermal break
2 Finger trap protection outside and inside
3 Triple sheet steel reinforcement in screw fixing area
4 Double lip seal in the section transitions
5 Double bottom seal

Further equipment options:

- All glazing types available for depth 42 mm
- Aluminium glazing frame with thermal break
- All glazings with triple panes
- Optional ThermoFrame for up to 10 % better thermal insulation (U-value of the door*: 0.9 W/(m²·K)), for further information, see pages 92 – 93.

Energy modernisation of existing doors

If you would like improved thermal insulation for your fitted LPU 42 door (from BR 40), the 42-mm-thick sections can be retrofitted (replaced) with 67-mm-thick sections with thermal break. The frame does not need to be replaced.

* Door size 5000 × 2125 mm

For door openings up to 7000 mm wide and special fitting situations

The industrial sectional door SPU F42 Plus is the ideal solution for especially wide garages and for fitting situations where an operator cannot be fitted above the door. It is available for S-, M- and L-ribbed door styles with all surface finishes, decors and colours. For specific fitting dimensions, please see the technical manual for industrial sectional doors.





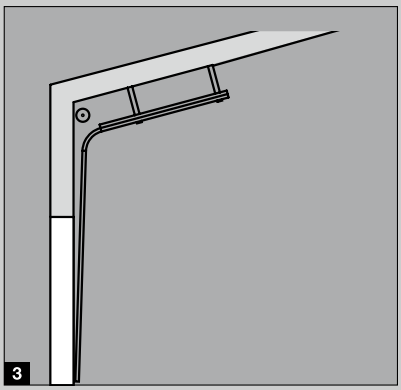
1 Operator SupraMatic HT

For garage doors over 6000 mm wide, the SupraMatic HT operator is the first choice. The rail-guided operator features the same equipment* and functions as the SupraMatic E, such as soft start and soft stop, adjustable ventilation slot and automatic door locking.



2 Shaft operator WA 300 S4

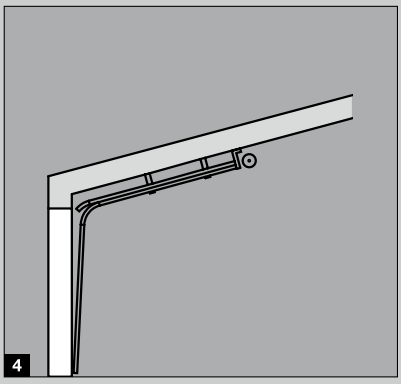
If it is not possible to install the operator in the garage in the centre with a guide rail, we recommend the shaft operator WA 300 S4 for side fitting. This operator does not require additional headroom. Additionally, it features standard power limit, soft start and soft stop, very high security and quiet door travel.



Track application HD with inclination

3 4 Track variants for special fitting situations

The industrial sectional door SPU F42 Plus offers a variety of track variants for special fitting situations, e. g. a track application with inclination that you can use to guide your garage sectional door at an incline along the pitched roof of your garage.



Track application LD with inclination



Additional information can be found in the Industrial Sectional Doors brochure

* Without operator light

Outstanding performance characteristics

ZERTIFIZIERT

A well-insulated garage door is always recommended when the garage and the home are directly connected. The ThermoFrame frame connection further improves the already high insulation values of the double-skinned Hörmann sectional garage doors.

This reduces your energy costs.



Improved thermal insulation with ThermoFrame

Only from Hörmann

The plastic profile that can be simply fitted together with the door frame, creates a thermal break between the frame and the brickwork, improving the thermal insulation by up to 15 %*. In addition, extra lip seals on both sides and in the upper section of the door provide better sealing while lowering the loss of heating energy from the garage interior. The ThermoFrame frame connection is optionally available for all Hörmann sectional garage doors.

* For a double-skinned sectional garage door LPU 42 size 5000 × 2125 mm

Thermal insulation

The thick insulated sandwich sections insulate just as well as a brick wall. This means that your garage is not wasting any energy and is saving you real money.



Acoustic insulation

The excellent acoustic insulation for the LPU sections reduces road traffic noise (approx. 80 dB(A)) to room volume level (approx. 55 dB(A)). So you can do what you want in your garage, whether you want to work in peace or throw a party.



Wind load

The LPU door sections are extremely sturdy so that your door can even withstand wind forces of up to 120 km/h, equivalent to hurricane force, without a problem. This means optimum protection for your garage and everything in it.



Sealing

Your garage is also well protected from heavy rain. Due to the all-around seals between the door leaf and frame as well as the seals between the sections, virtually no rain can penetrate a closed door.



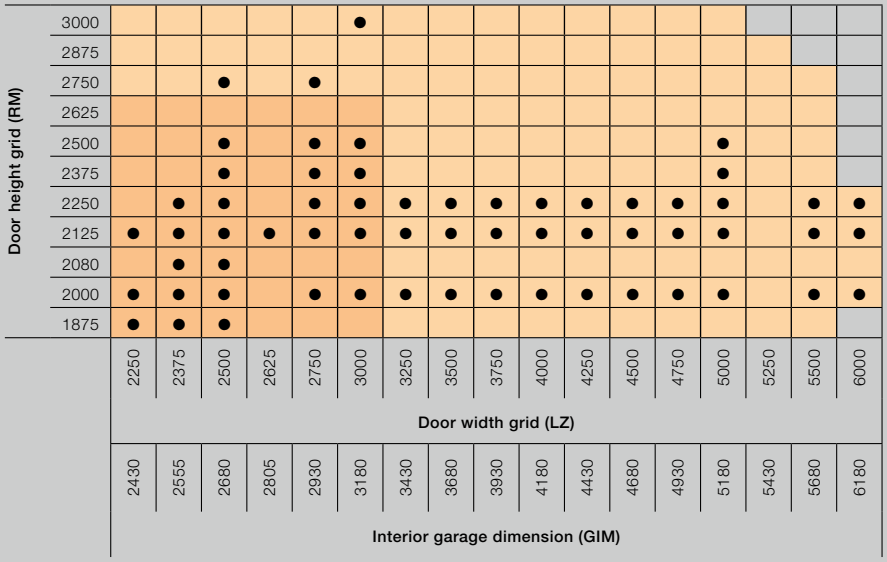
Performance characteristics according to European standard 13241-1

Door type	**Thermal insulation**	**Acoustic insulation**	**Wind load** [5]	**Sealing**	
				Air	Water
LPU 67 Thermo		R = approx. 25 dB	Class 3	Class 3 [4]	Class 3 [3]
Section	U = 0.33 W/(m²·K)				
Door leaf	U = 0.49 W/(m²·K)				
Fitted door [1]	U = 1.0 W/(m²·K)				
LPU 42		R = approx. 25 dB	Class 3	Class 3 [4]	Class 3 [3]
Section	U = 0.5 W/(m²·K)				
Door leaf	U = 0.9 W/(m²·K)				
Fitted door [1]	U = 1.4 W/(m²·K)				
LTE 42		R = approx. 20 dB	Class 2	Class 0 [2]	Class 0 [2]
Door leaf	U = 6.0 W/(m²·K)				
Fitted door [1]	U = 6.5 W/(m²·K)				
LTH			Class 3	Class 0 [2]	Class 0 [2]
Door leaf	U = 2.5 W/(m²·K)				
Fitted door [1]	U = 3.0 W/(m²·K)				

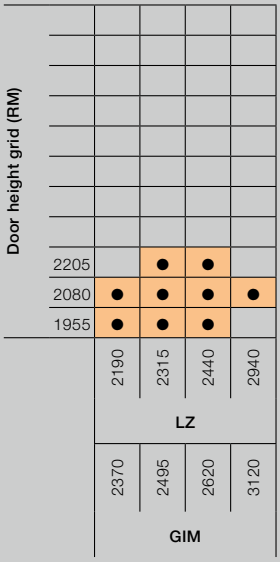
[1] The U-values apply to fitted doors without glazing in the size: 5000 × 2125 mm
[2] Doors with ventilation slots, on request classes 2-3
[3] Up to 70 Pa water pressure
[4] Valid for panelled and L-ribbed (LPU 42 doors S, M, D or T-ribbed: class 2)
[5] Higher wind load classes on request

Door types LPU 67 Thermo, LPU 42, LTE 42

Size range [1]



Modernisation sizes [2]



● = Available standard sizes depending on the door type and door style

[1] LPU 67 Thermo is only available in special sizes up to 5000 mm door width, SPU F42 Plus up to door sizes 7000 × 5000 mm

[2] Not available for panel styles with Decograin surface finishes and solid timber doors

Size range for track applications

Door height grid (RM)	Track application Z		Track application N		Track application L	
	Min. DE *	LDH **	Min. DE *	LDH	Min. DE *	LDH ***
With operator						
3000			3210	3000	3115	2970
2875			3085	2875	2990	2845
2750			2960	2750	2865	2720
2625	2740	2595	2835	2625	2740	2595
2500	2615	2470	2710	2500	2615	2470
2375	2490	2345	2585	2375	2490	2345
2250	2365	2220	2460	2250	2365	2220
2125	2240	2095	2335	2125	2240	2095
2000	2115	1970	2210	2000	2115	1970
1875	1990	1845	2085	1875	1990	1845
With manual operation						
3000			3210	2950	3100	2900
2875			3085	2825	2975	2775
2750			2960	2700	2850	2650
2625	2725	2545	2835	2575	2725	2525
2500	2600	2420	2710	2450	2600	2400
2375	2475	2295	2585	2325	2475	2275
2250	2350	2170	2460	2200	2350	2150
2125	2225	2045	2335	2075	2225	2025
2000	2100	1920	2210	1950	2100	1900
1875	1975	1795	2085	1825	1975	1775

Modernisation sizes

Door height grid (RM)	Track application Z	
	Min. DE **	LDH
With operator		
2205	2320	2175
2080	2195	2050
1955	2070	1925
With manual operation		
2205	2305	2125
2080	2180	2000
1955	2055	1875

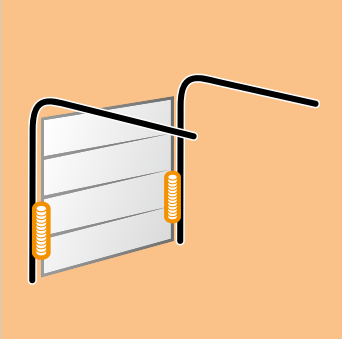
* With ThermoFrame and operator: see fitting data

** LPU 67 Thermo: LDH – 25 mm

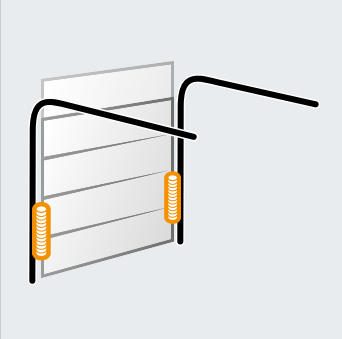
*** LPU 42: LZ > 3010 mm = LDH – 50 mm LPU 67 Thermo: LZ < 3000 mm = LDH – 25 mm, LZ > 3010 mm = LDH – 75 mm

Dimensions in mm

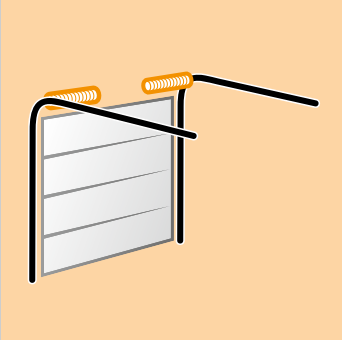
Track applications



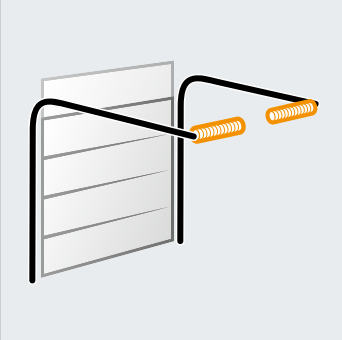
Track application Z



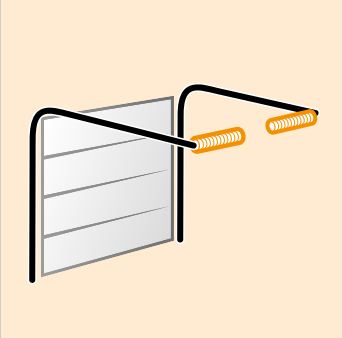
Track application BZ



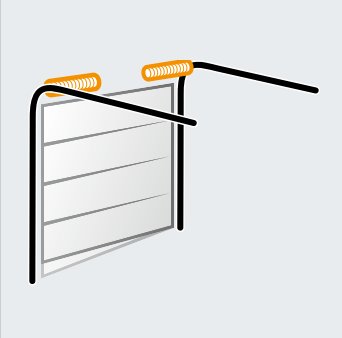
Track application N



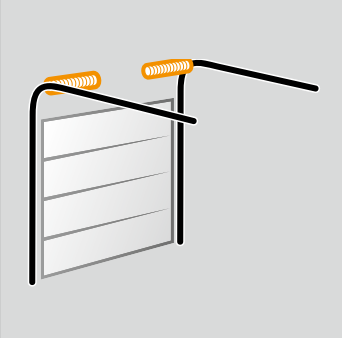
Track application BL



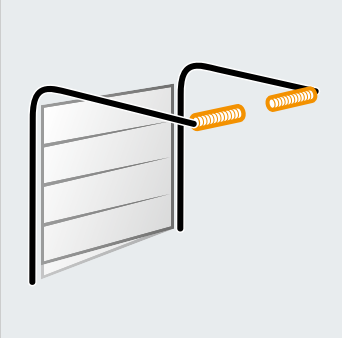
Track application L



Track application SN



Track application H



Track application SL

Explanations

If you are interested in this track version for high-lift doors, contact your Hörmann specialist dealer.

LZ	Clear frame dimensions
RM	Grid height
DE	Ceiling height **Note:** The operator should be fitted 40 mm higher for dark coloured doors which are exposed to the sun.
LDH	Clear passage height
GIM	Inside garage dimension
ET	Distance back

Track applications

Track application Z (not for LTH 42)
Tension spring track application
with tension spring assembly
Max. width 3000 mm
Max. height 2625 mm / 2500 mm (LPU 67 Thermo)

Track application N
Normal track application with torsion spring assembly
Max. width 6000 mm
Max. height 3000 mm

Track application L
Low-headroom tracks with torsion spring assembly
Max. width 6000 mm
Max. height 3000 mm

Track application H (not for LPU 67 Thermo)
High-lift track application with torsion spring assembly
Max. width 5500 mm
Max. height 3000 mm

Track application BZ (not for LPU 67 Thermo)
Tension spring track application with tension spring assembly and flush-fitting panels
Max. width 3000 mm
Max. height 3189 mm

Track application BL (not for LPU 67 Thermo)
Low-headroom tracks with torsion spring assembly and flush-fitting panels
Max. width 4000 mm
Max. height 3520 mm

Track application SN (only LPU 42)
Normal track application with torsion spring assembly with chamfered bottom section (max. 300 mm height difference)
Max. width 4500 mm
Max. height 3000 mm

Track application SL (only LPU 42)
Normal track application with torsion spring assembly and high-lift track application with chamfered bottom section (max. 300 mm height difference)
Max. width 4500 mm
Max. height 3000 mm

For further information, please see the fitting data or contact your Hörmann partner.

Horizontal view

Track application Z	Track application N	Track application L	Track application H*



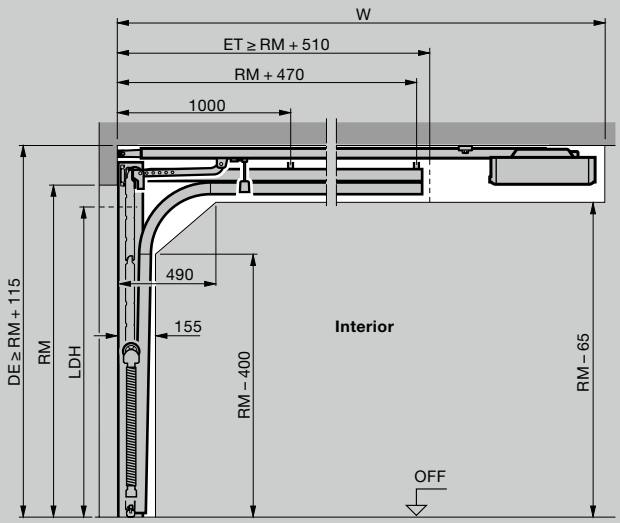
Fitting with track applications Z, N, L

Overall length operators (W)		Track application Z	Track application N	Track application L
Doors with operator				
Max. door height	2125 (K)	3200	3200*	3200
	2250 (K)		3200**	
	2375 (M)	3450	3450*	3450
	2500 (M)		3450**	
	2625 (L)	4125		
	3000 (L)		4125	4125

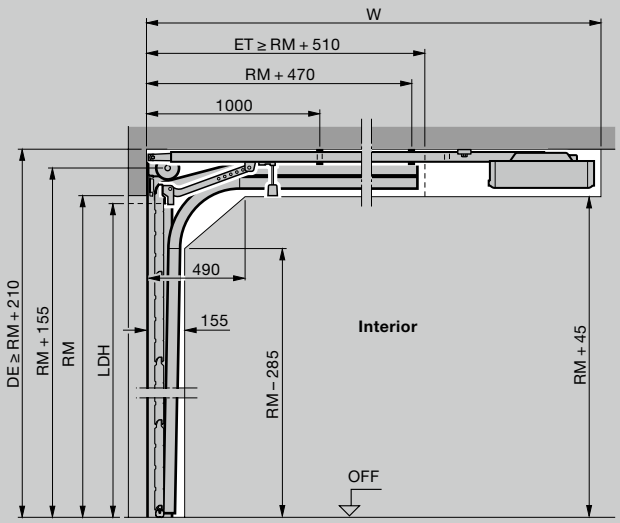
* LPU 67 Thermo
** LPU 42, LTE 42

Vertical views

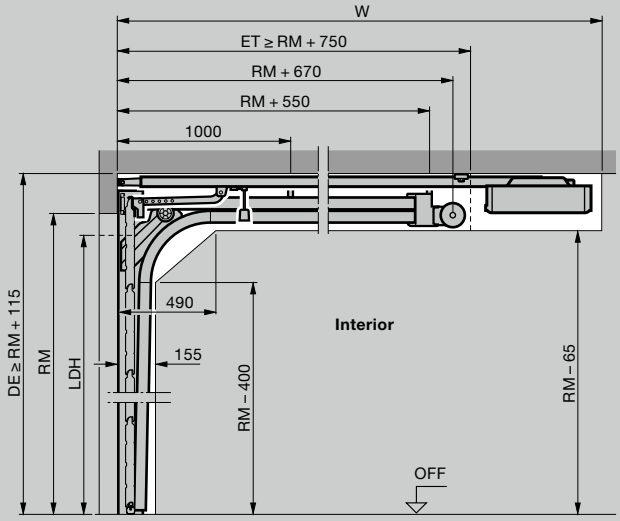
Track application Z



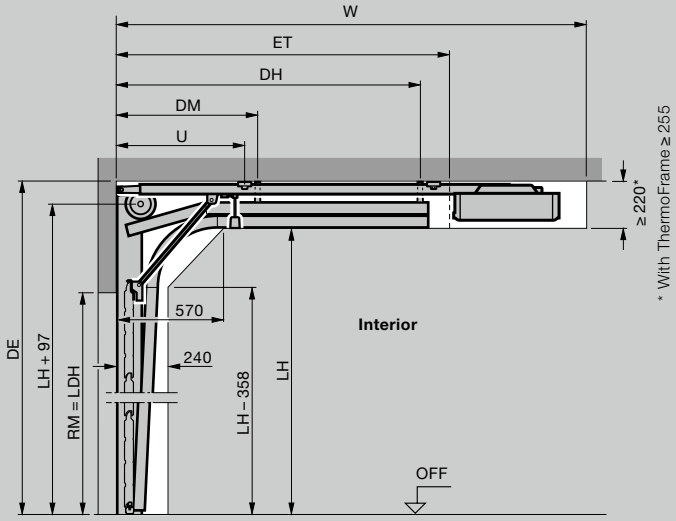
Track application N



Track application L



Track application H



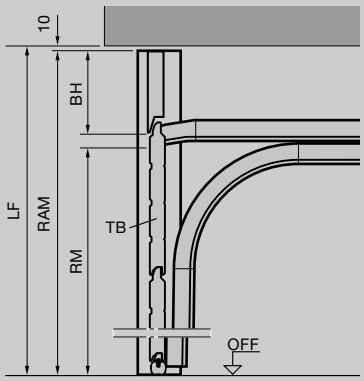
Dimensions in mm

Fitting with flush-fitting panel

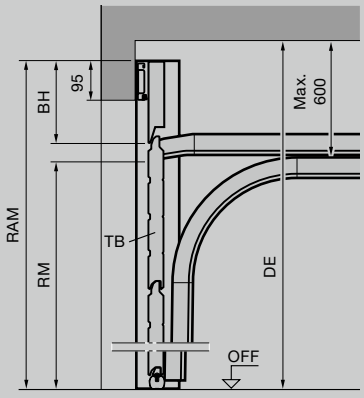
Overall length operators (W)		Track application BZ	Track application BL
Doors with operator			
Max. door height	2125 (K)	3272	3272
	2375 (M)	3522	3522
	2625 (L)	4197	
	3000 (L)		4197

Vertical views

Track application BZ | Track application BL — **Without lintel**



Track application BZ | Track application BL — **With lintel**



Dimensions in mm

Explanations

Drive booms

K Short boom
M Medium boom
L Long boom

Track applications

Z Tension spring track application
N Normal track application
L Low headroom track application
H High-lift track application
BZ Tension spring track application with flush-fitting panels
BL Low-lintel track application with flush-fitting panels

Ordering sizes

LZ Clear frame dimensions
RM Grid height
RAM Overall frame dimension (of flush-fitting panels)
Min. = RM + 190 mm
Max. = RM + door section height
W Overall length with operator
LF Structural opening

DE Ceiling height
Note: The operator should be fitted 40 mm higher for dark coloured doors which are exposed to the sun.

LDH Clear passage height
See table on page 94

GIM Inside garage dimension
ET Distance back
TB Door leaf
BH Panel height
LH Track height
DM Ceiling suspension, centre
DH Ceiling suspension, back
OFF Finished floor level

Note
Before fitting a sectional door, the structural openings must be finished and the floors be laid and level. The clearance required for fitting the door must be free of supply lines, heater fans, etc.

For further information, please see the fitting data or contact your Hörmann partner.

Wicket doors with ribbing

Size range

Door height grid (RM)	2250	2375	2500	2750	3000	3250	3500	3750	4000
3000									
2875	○	○	○	○	○	○	○	○	○
2750									
2625	○	○	○	○	○	○	○	○	○
2500									
2375									
2250									
2205									
2125									
2080									
2000									
1955									
1875									

Door width grid (LZ)

Wicket doors with ribbing

Clear passage height Without glazing	With glazing	**Lever height** from OFF
1955	1955	831
1871	1871	799
2155	2155	906
2055	2055	868
1955	1955	831
1855	1855	793
2123	2203	924
2075	2155	906
1999	2079	877
1955	2035	861
1875	1955	831
1827	1907	813
1747	1827	782

Doors with wicket doors with panels

Size range

Door height grid (RM)	2250	2500	2750	3000	3250	3500	3750	4000
3000								
2875	□	□	□	□	□	□	□	□
2750	□	□	□	□	□	□	□	□
2625	□	□	□	□	□	□	□	□
2500								
2375								
2250								
2205	□	□	□	□	□	□	□	□
2125								
2080	□	□	□	□	□	□	□	□
2000								
1955	□	□	□	□	□	□	□	□

Door width grid (LZ)

Wicket doors with panels

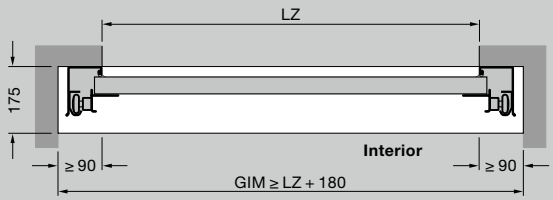
Clear passage height	**Lever height** from OFF
1955	831
1871	799
2155	906
2055	868
1955	831
1855	793
2203	924
2155	906
2079	877
2035	861
1955	831
1907	813

○ = Not possible with Decograin, Micrograin Sandgrain and Silkgrain
□ = Not possible with Decograin

Dimensions in mm

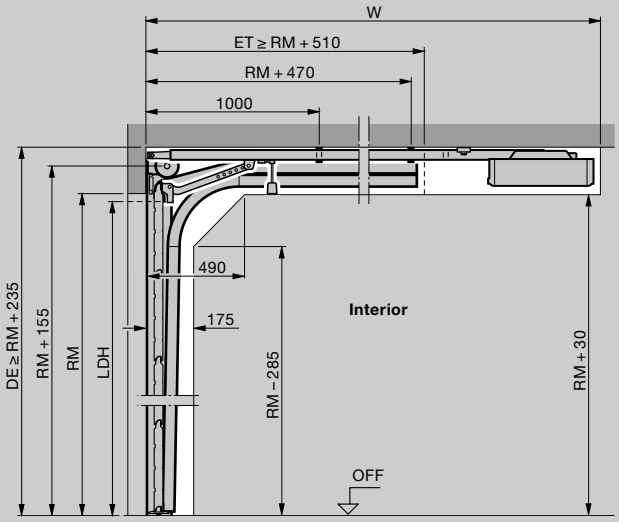
Horizontal view

Track application N | Track application L

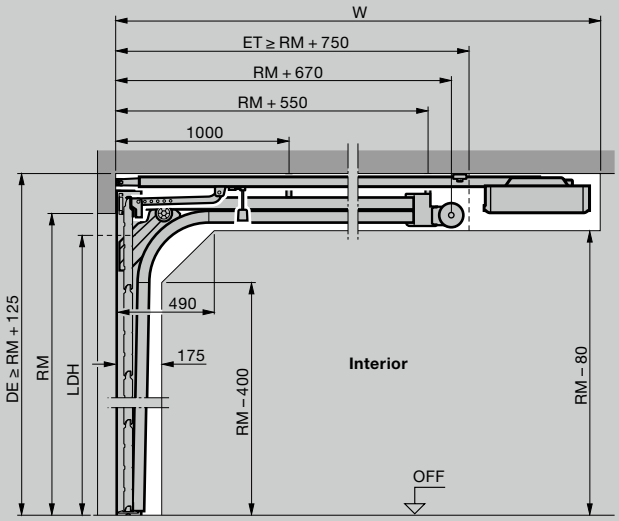


Vertical views

Track application N



Track application L



Dimensions in mm

Explanations

Track applications

N	Normal track application
L	Low headroom track application

Ordering sizes

LDB	Clear passage width
LDH	Clear passage height
LZ	Clear frame dimensions
RM	Grid height
W	Overall length with operator
DE	Ceiling height

Track application N:
Manual operation ≥ RM + 220 mm
With operator ≥ RM + 235 mm
With operator and ThermoFrame
≥ RM + 255 mm

Track application L:
Manual operation ≥ RM + 125 mm
With operator ≥ RM + 125 mm
With operator and ThermoFrame
≥ RM + 145 mm

Track application N:
Manual operation = RM – 160 mm
With operator = RM – 100 mm

Track application L:
Manual operation = RM – 160 mm
With operator = RM – 160 mm

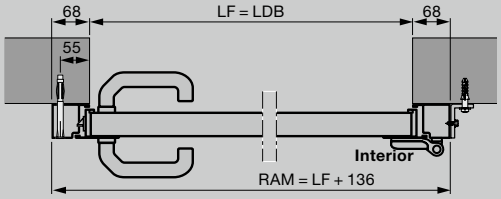
GIM	Inside garage dimension
ET	Distance back
OFF	Finished floor level

Fitting with ThermoFrame
Fitting with ThermoFrame
LDB = LZ – 12 mm
Fitting with ThermoFrame and frame covering
LDB = LZ – 15 mm

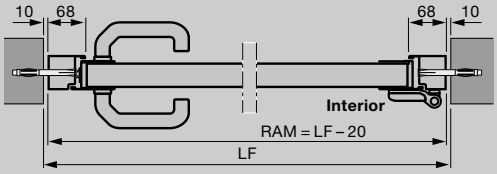
Note
The opening height must not be less than the ordering size of the garage door (RM), otherwise the wicket door will not open.

For further information, please see the fitting data or contact your Hörmann partner.

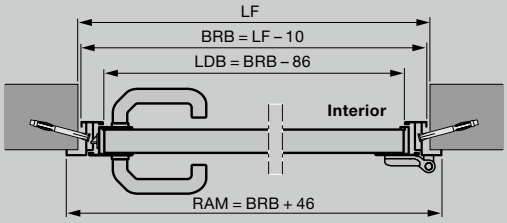
Horizontal views



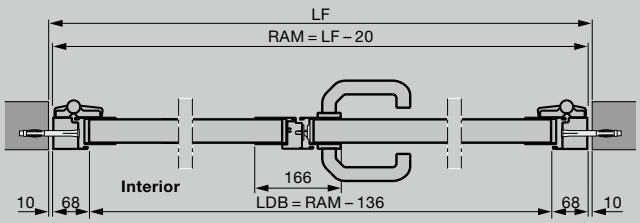
Side door with aluminium block frame, profile type 1
Fitting behind the opening



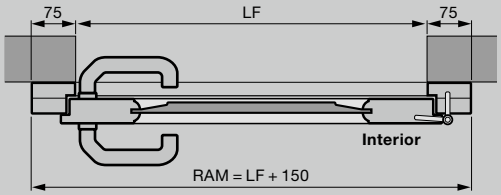
Side door with aluminium block frame, profile type 2
Fitting in the opening



Side door with aluminium corner frame, profile type 1 or 2
Internal fitting



Double-leaf side door with aluminium block frame, profile type 2
Fitting in the opening

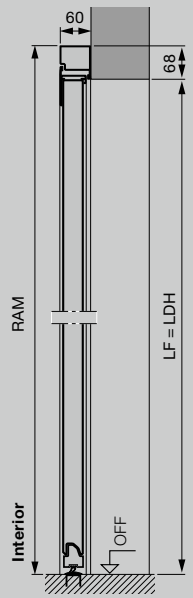


Solid timber side door
Fitting behind the opening

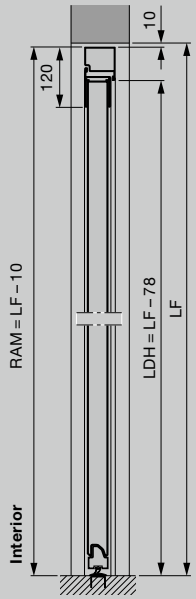
■ NEW

- Double-leaf side door with asymmetrical division
- Double-leaf side door opening inwards

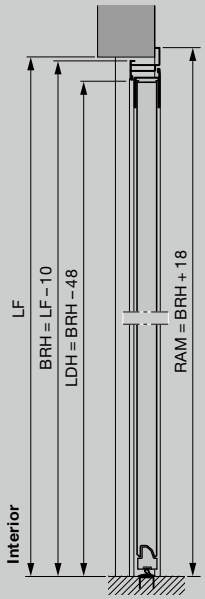
Vertical views



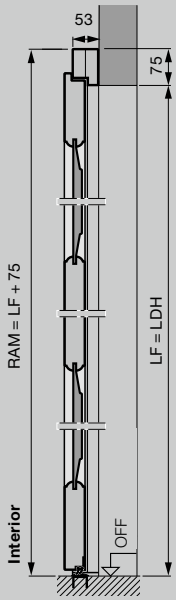
Side door with aluminium
block frame, profile type 2
Fitting behind the opening



Side door with aluminium
block frame, profile type 2
Fitting in the opening



Side door with aluminium
corner frame, profile type 2
External fitting



Solid timber side door
Fitting behind the opening

Dimensions in mm

Steel side doors

Profile type 1 (fitting behind the opening) with S-, M-, L-ribbing, S-panelled, block frame

Structural opening	Ordering size = RAM	Lever height* from OFF	Door section height B
855 – 875 × 1990 – 2000	990 × 2058	955	500
855 – 875 × 2115 – 2125	990 × 2183	1010	531
980 – 1000 × 1990 – 2000	1115 × 2058	955	500
980 – 1000 × 2115 – 2125	1115 × 2183	1010	531

Profile type 2 (fitting behind the opening) with S-, M-, L-, D-, T-ribbing, S-panelled, block frame

Structural opening	Ordering size = RAM	Lever height* from OFF	Door section height B
855 – 875 × 1990 – 2000	990 × 2058	1050	500
855 – 875 × 2115 – 2125	990 × 2183	1050	531
980 – 1000 × 1990 – 2000	1115 × 2058	1050	500
980 – 1000 × 2115 – 2125	1115 × 2183	1050	531

Profile type 2 (fitting in the opening) with S-, M-, L-, D-, T-ribbing, block frame

Structural opening	Ordering size = RAM	Lever height* from OFF	Door section height B
875 × 2000	855 × 1990	1050	500
875 × 2125	855 × 2115	1050	531
1000 × 2000	980 × 1990	1050	500
1000 × 2125	980 × 2115	1050	531

Profile type 1 (only opening inwards, internal fitting) with S-, M-, L-ribbing, S-panelled, corner frame

Ordering size = BRM	Lever height* from OFF	Door section height B
875 × 2000	955	500
875 × 2125	1010	531
1000 × 2000	955	500
1000 × 2125	1010	531

Profile type 2 (internal or external fitting) with S-, M-, L-, D-, T-ribbing, corner frame

Ordering size = BRM	Lever height* from OFF	Door section height B
875 × 2000	1050	500
875 × 2125	1050	531
1000 × 2000	1050	500
1000 × 2125	1050	531

Solid timber side doors

Ordering size = RAM	Structural opening	Lever height* from OFF
Fitting behind the opening (S-, M-, L-ribbed, panel)		
1005 × 2190	855 – 875 × 2115 – 2125	1050
1130 × 2190	980 – 1000 × 2115 – 2125	1050
Fitting behind the opening (style 401, 403, 404, 405)		
1130 × 2190	980 – 1000 × 2115 – 2125	1050

Dimensions in mm

Explanations

P1	Profile type 1 (narrow surround)
P2	Profile type 2 (broad surround)
LDB	Clear passage width
LDH	Clear passage height
RAM	Overall frame dimension
LF	Structural opening
BRM	Nominal size
BRB	Nominal size - width
BRH	Nominal size - height
OFF	Finished floor level

Special sizes
Single-leaf side doors on request
Double-leaf side doors:
1330 – 2500 × 1960 – 2558 mm

* You can find the lever heights for special sizes in the technical manual.

For further information, please see the fitting data or contact your Hörmann partner.


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Thermo65 / Thermo46 entrance doors



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