

CarTeck sectional doors for life

With safety, design, and comfort

Teckentrup – in the market for more than 80 years – is one of the leading suppliers of doors and gates for industrial applications. This has made us a specialist in the area of especially robust security technology. Tried and tested know-how and cutting edge technology provide the foundation for the high level of reliability of our sectional garage doors. Quality: Made in Germany.

In order to ensure this high standard and at the same time fulfill our responsibility for the environment and sustainability, we have certified ourselves early in accordance with the ISO standards for quality and energy management. So whether you're renovating or building anew:

Garage doors? In safe hands with Teckentrup.

Kai Teckentrup Geschäftsführer/Inhaber

Meinolf Funkenmeier Geschäftsführer Jörg Vogelsang Geschäftsführer





Whether commercial or private property owners: Anyone building a new property or renovating a building must be able to rely on tried & tested solutions – on technologies which can be optimally adapted to the structural conditions.

This also applies in the field of garage doors. With its GSW 40-L sectional garage door, Teckentrup offers a fully professional product which gives you maximum flexibility in configuring your house. This is provided by individual dimensions and a high variability of styles, surfaces, colours, glazing elements, and applications. So however you're planning your new building or renovation – the GSW 40-L provides the perfect solution.



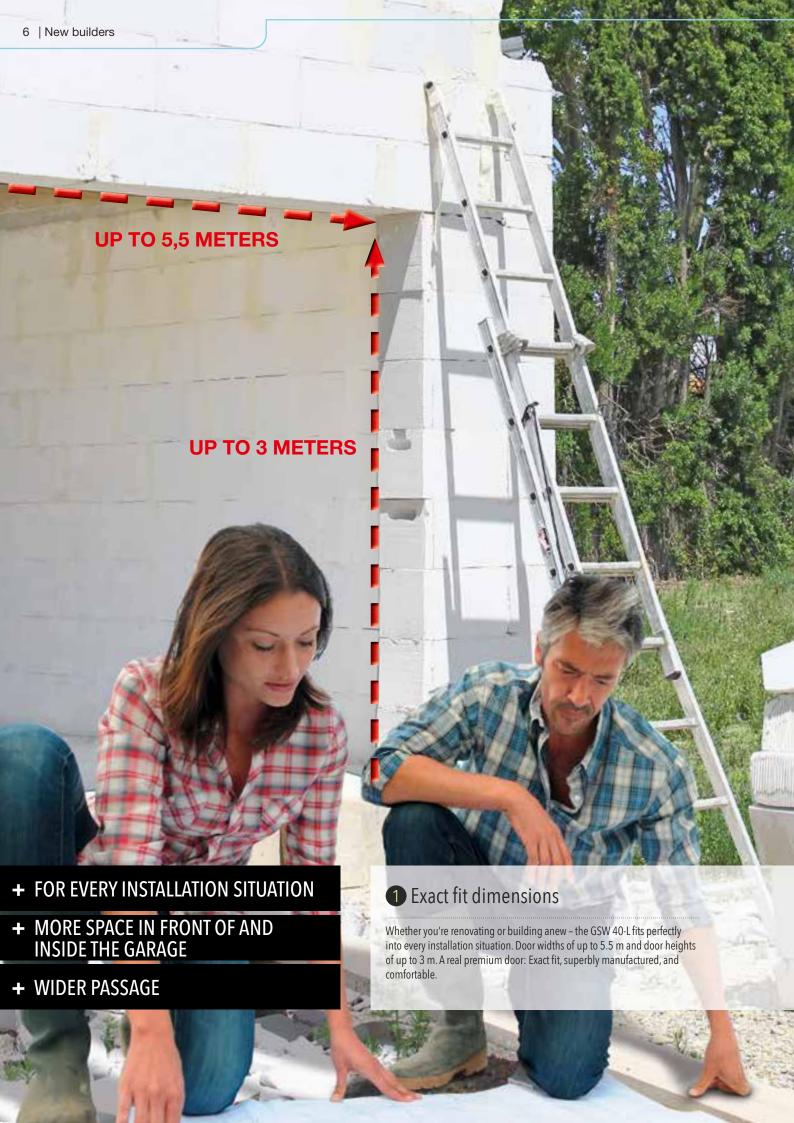
For renovators.

And new builders.

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12 reasons for the GSW 40-L premium door.

A garage door is a purchase for life.

Whether a new build or renovation.

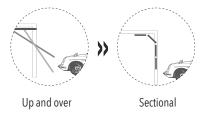


before



2 More space in front of and inside the garage

Away with the old garage up-and-over door – and then? Our tip: Choose a modern sectional door. It requires much less space when opening and closing. This way you gain more parking space in front of and inside the garage compared with the up-and-over door and you can park your car directly in front of the door.



3 Easier parking

Modern cars are wider than they were 20 years ago and with the old up-and-over doors it is difficult for them to drive in and out of the garage. This often leads to the paintwork getting damaged. With a CarTeck sectional door, you will gain more space at the sides because there is no longer a space-consuming lever mechanism as was the case with an up-and-over door.

The right solution for every taste.

An old garage and a new door – do they go together? Absolutely! Refined renovation solutions make sure of this.

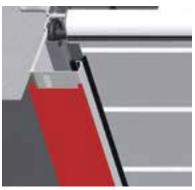


4 Renovation solutions

Independent of the building situation -Teckentrup offers special fastening and cover plate sets with which your new sectional door can be easily installed.

Our frames accommodate all building situations, our cover plates with widths of 85 and 120 mm cover the gaps between the frame and the wall, and our special corner plates conceal crumbling masonry. These create perfect solutions, which in most cases make elaborate follow-up work by masons and painters unnecessary.



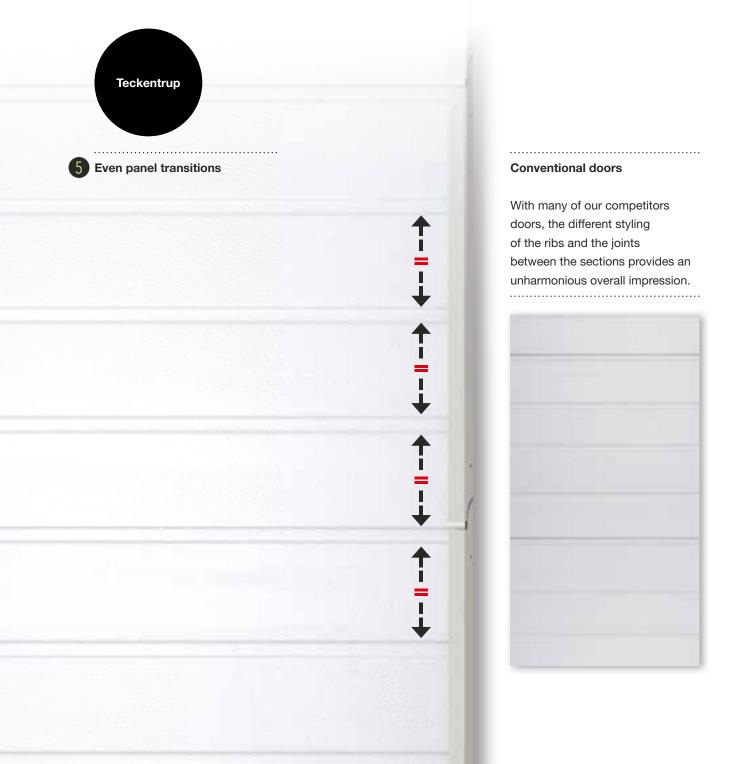


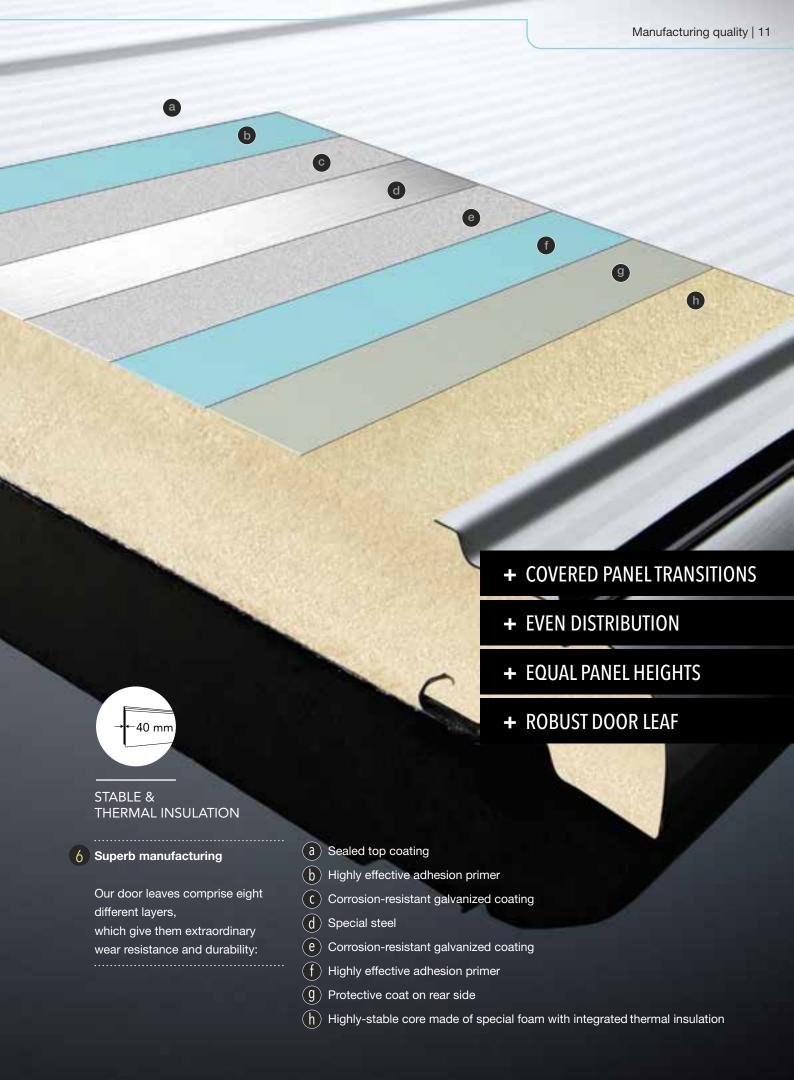




Precision manufactured - and hence visually perfect.

An even distribution of the ribs and covered section transitions guarantee a harmonious door styling.





Protects your property throughout your lifetime.

With the GSW 40-L, wind and weather have no chance. Effective protection for your car as well as your building.







Corrosion protection

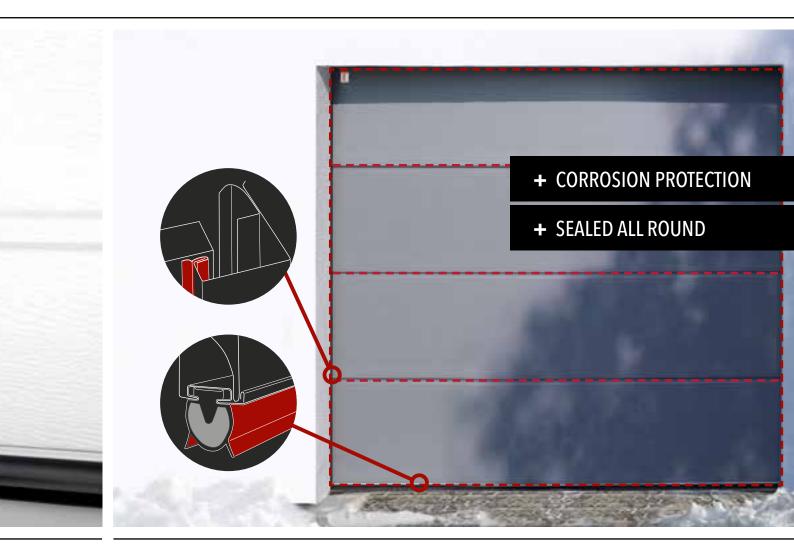
A special plastic element separates the vertical frame sections from the floor. Whether after a rain shower or in the case of creeping dampness – the design ensures that the base area is always aerated, dries quickly, and is hence permanently protected against corrosion.



Durable surface protection

The galvanized garage door frames have a high-quality top coating. This protects the doors from external influences and they remain just as decorative after several years as they were on the first day.







When closed, vertical frame seals, lintel, intermediate and bottom seals seal the door on all sides.

This means that the garage is optimally protected from driving rain and penetrating dampness.

In addition, the 40 mm thick door leaf ensures optimum thermal insulation and minimized energy loss.



The patented finger pinch protection protects you from injury. The optional light barrier provides even more safety.



- + LATERAL INTERVENTION PROTECTION
- + OPTIONAL LIGHT BARRIER
- + BREAK-IN PROTECTION



QUIET OPERATION



MORE PROTECTION FOR THE FAMILY



Everything considered in terms of security.

The sectional door combines maximum operating safety with break-in protection - for persons and valuables.

10 Quiet door operation

Innovative designs worked out in great detail, such as the rollers made from special plastic, provide for quiet opening and closing. Rattling door movements are a thing of the past.



11 Break-in protection

CarTeck sectional doors and the associated drives provide greater protection against unauthorized access. This is particularly important if valuables are stored in the garage or if there is a direct passage from the garage into the house.



12 Operational safety

Unsightly, open torsion springs are history. In CarTeck sectional doors, the tension springs are guided in enclosed spring channels right underneath the ceiling. The springs are designed to balance the door weight without maintenance and to ensure an even door operation.



For increased demands with several door movements per day, we recommend our special high-performance springs with a manufacturer's warranty of 10 years.









5-POINT WARRANTY

5-year warranty on rollers, hinges, cable pulleys, cables, and standard springs, 10-year manufacturer's warranty on high-performance springs.

 $10\mbox{-}\mbox{year}$ manufacturer's warranty on panels combatting rust penetration from the inside out.

10-year manufacturer's warranty against separation of steel from foam.

10-year manufacturer's warranty on material and manufacturing flaws of all non-moving parts of the frame that are verifiably unusable or whose usability is substantially compromised.

10-year manufacturer's warranty on floor seal, intermediate seals, side seals, and lintel seal against rotting.

The full wording of the terms of the warranty can be found on our homepage at www.teckentrup.co.uk



An excellent combination: The hand-held transmitters with top design, the drives with top performance.



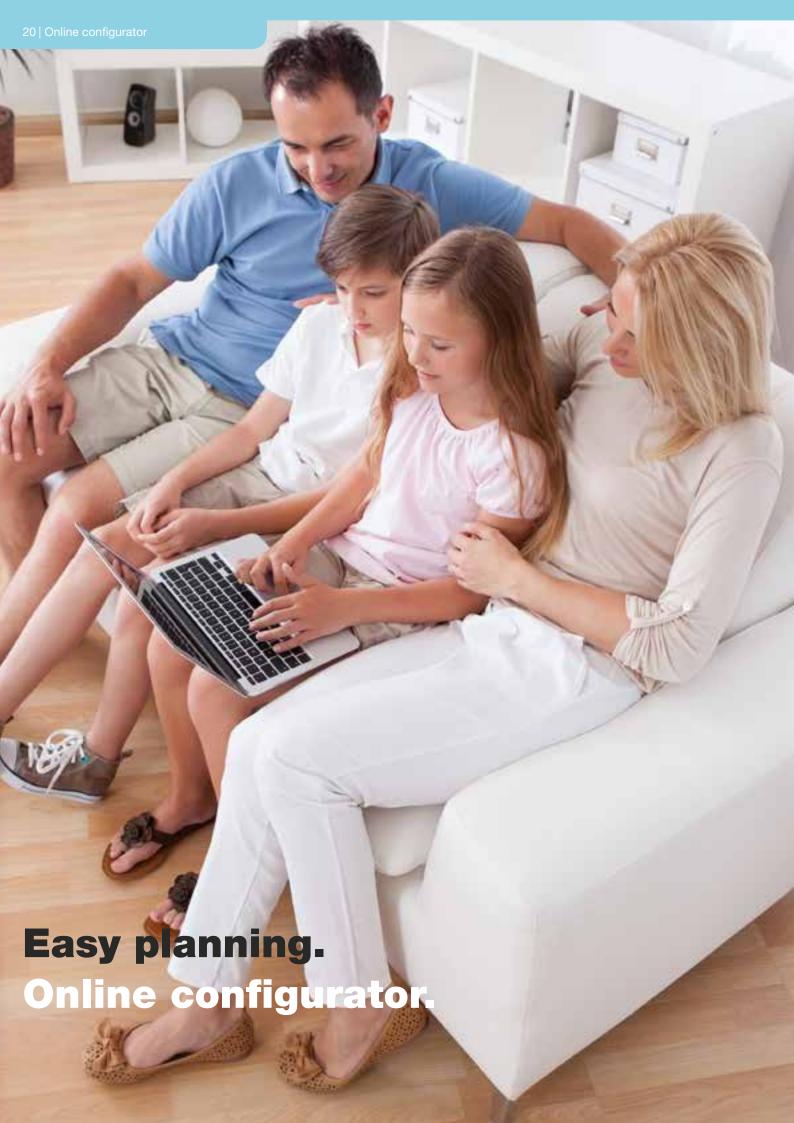
Intelligent drive technology

Our new door drives offer several comfort and security benefits:

So the operating code changes constantly – just like with online banking. This also increases break-in protection. In addition, our drives have an automatic force limitation which stops the door leaf when the door strikes an obstacle and immediately frees the obstacle again by reversing.

If necessary, a vent position ensures drying of the garage. And not least, an optional light barrier can be integrated into the controller. Our tip: Ask for our drive brochure with further attractive accessories!

You can find detailed information in our drive brochure.





The path to your dream door has never been so short! Simply put everything together the way you want it at www.teckentrup.co.uk

The online configurator leads you through the fascinating world of garage door configuration in a few simple steps. Whether it be styling, surfaces, colours, glazing elements and applications – in just a few clicks you can put together your dream garage door.

Then you can install it in the photograph of your garage and enjoy the view. On your own, with your partner or together with your family, and in peace and quiet.

Allow yourself to be inspired.

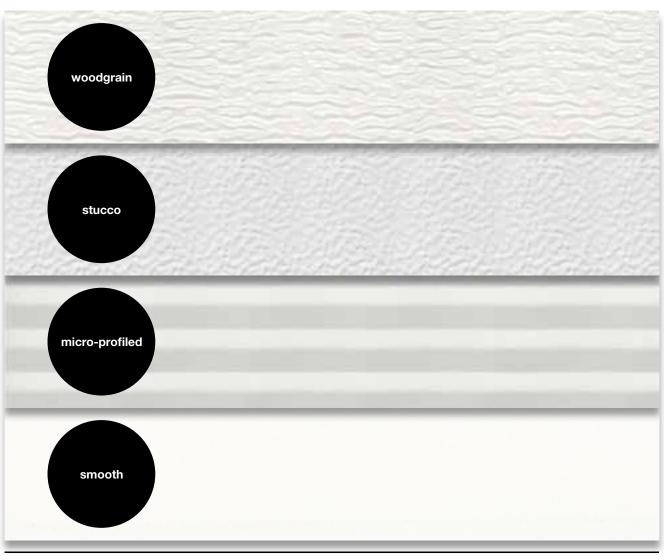
If you would like an offer on your configuration, then simply send us a request. You will promptly receive an offer via our trade partners in your vicinity.



22 Overview of styles			
ZZ Overview or styles			
	- 100		
Styles			
The CarTeck styles characterize new garage door looks from afai			
"Ribbed" style	"Centre ribbed" style	"Unribbed" style	"Georgian" style

Surface design: The first step towards your dream door.

With the combination of style and microstructure of the surface, you can design a garage door with its own unique character.



These four high-quality surfaces give the door leaf its visual edge.

woodgrain			
The surface	with	the	wood-

grain impression

stucco

The granular structure of the surface is reminiscent of a fine wall plaster.

micro-profiled

The fine lining harmonizes ideally with modern architectural styles.

smooth

Pure aesthetics that dispense with any surface structure.

Door styling that characterizes architecture.

Surfaces styles, colours: Everything should be optimally coordinated and blend in harmoniously.





In addition to the colours, the styles have the strongest long-distance effect on observers. For this reason, they should consciously be matched to the style of your house. An unribbed door leaf suits a highly-modern facade

with clear lines, whilst the door leaf with Georgian harmonizes better with a classical architectural style. The choice is yours.





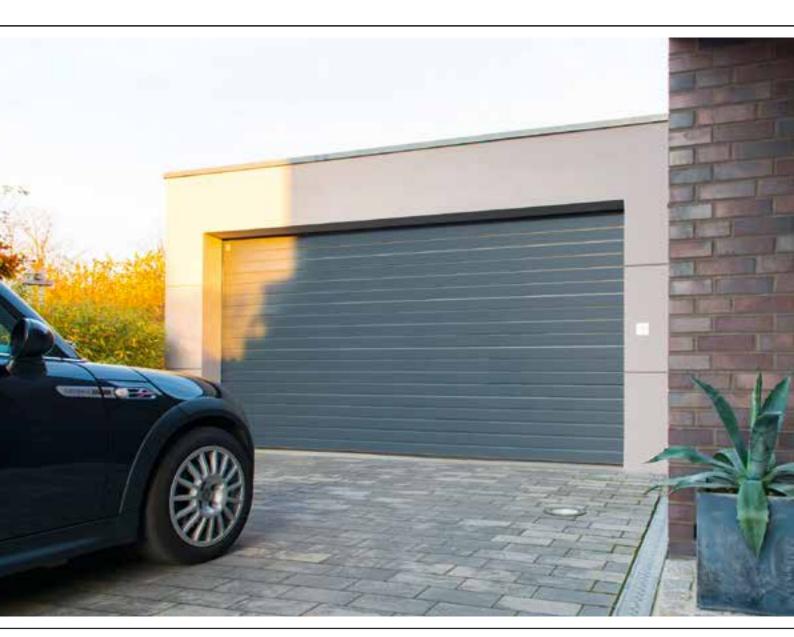






Ribbed. Applied diversity.

The ribbed style with an even distribution over the entire door leaf offers several design options.



Pure lifestyle.

Nowadays, an aesthetically-appealing garage door is part of a modern lifestyle.





The ribbed style with the classic "Golden Oak" wood decor blends in harmoniously with a rustic architectural style.



In the case of smooth, homogenous facades, the ribbed style offers a delightful contrast.





Centre ribbed. Applied diversity.

The centre ribbed style emphasizes the subtle features on the door leaf surface.



The design is of particular importance with the large surfaces of very wide garage doors





With the colour design, the GSW 40-L and the window frames offer a harmonious overall impression.



The weight of a door leaf increases with its width. Our new drive generation moves your CarTeck sectional door with accurately adjusted performance.

You can control your new CarTeck sectional door comfortably from a distance using a hand-held transmitter.



Unribbed. Applied diversity.

Whether you are renovating or building anew – the CarTeck sectional door adapts to all architecture.







Here the colours of the two garage doors optimally blend into the overall appearance.



Modern line.

Here a deliberate contrast has been made in terms of door colour and house facade.

Whether you are renovating or building anew - the CarTeck sectional door is also part of the exterior design.

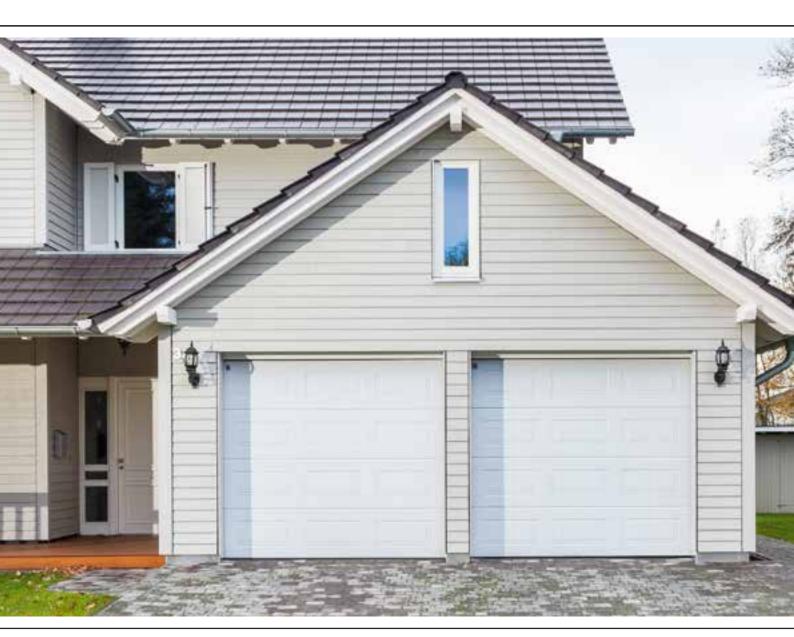
Georgian. Classically elegant.





Georgian. Applied diversity.

The Georgian style characterizes not only the garage door, but the entire house appearance.



Individual style

The Georgian embossments on the door leaf are not only suited to classic architecture styles, but also to a wooden facade, as in this case.





Due to the uniform arrangement of the Georgian cassettes, the CarTeck sectional door also gains a harmonious overall impression. At the same time, the pattern can be excellently combined with our attractive glazing elements.



Mediterranean style.

In combination with the slightly-inclined roof, the attractive Georgian styling communicates a Mediterranean attitude to life. We supply this classic style with the elegant and durable surface "woodgrain"

Transparent configuration. Glazing elements.

Not only do glazing elements allow light into the garage. They also make a decisive contribution to the overall architecture of your house.



Whether as a harmonious integration or as a conscious contrast – glazing elements matched to the facade, side door, windows, or entrance door make a decisive contribution to the overall architecture of your house. As with all components, the glazing is extremely robust and impervious to scratches and other mechanical influences. The wide range of glazing types also leaves nothing to be desired.



Choose from three scratch-resistant plastic double panes - clear, with crystal structure, or satinized.

Sheer diversity. Glazing elements.



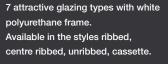


Rectangle 1

Rectangle 2 *

Cross mullion

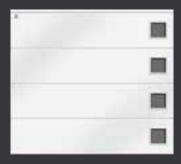




Multiple mullion

Rhombus mullion

*not in the style "Cassette"







Square 1*

Square 2*

Aluminum light strip





Additional glazing forms with white polyurethane frames are available for selection in the "Unribbed" style.



Circular glazing (also in stainless steel)

Rectangle 3

SCRATCH RESISTANT



There are several factors to consider when selecting the colour of your garage door: You can adapt the colour to window and door frames. Or you can base it on the colour design of the facade. Or you can simply choose your favorite colour to your heart's content.

Large selection

15 popular colours, RAL colours by choice and attractive wood decors. As standard, the door leaf has the exterior colour Traffic White (RAL 9016) and the interior colour Grey White (RAL 9002).



For fast decision makers: The colour range shows you the 15 colours and 4 wood decors that are currently trending. However, you can also choose almost any other RAL colour.

Due to the printing process colours are only representations. RAL offers a guide to colour matching, materials, differing manufacturing processes and batches may create shade variations.

^{*} Colour tones with micaceous iron ore particles

Decoration for your garage door. Applications.

Our stainless steel decorative elements offer you even more options for designing your garage door.



Individual design

Even without glazing elements, the door leaf can be a blank canvas for individual design. The GSW 40-L "unribbed" sectional door with a smooth surface allows configuration with stylish stainless steel applications. A wide range of high-quality motifs are available for you to choose from. The applications are also ideally suited to create visual uniformity between the garage door and the side door. In this way, you can give your facade ensemble an individual look with character.





For individualists. GSH door made of solid wood.

Sectional doors made of real wood represent a high level of quality.





CarTeck GSH sectional door made from solid wood, in cassette styling.



Solid wood

We have developed the GSH sectional door for individualists who have a particular preference for real wood. Choose between the wood types domestic spruce/fir and Hemlock and combine these with our different styles.

To protect against the influence of weather and UV radiation, all woods are also available in the colour tones pine, spruce, teak, walnut etc.

Timber is a natural product and as such variations in tone and colour maybe apparent.

More comfort. Side and wicket doors.

Side and wicket doors give you comfortable access to the garage, even without opening the door.



Whether it be a bicycle or a wheelbarrow - the garage side door is big enough to allow access for both.



If there is a secondary access to your garage, or if you have plans for one, just order a matching side door. Use the optional triple locking and protect your valuables in the garage even more effectively.



If there is no secondary access, a wicket door offers a real alternative and also protects from loss of heat as the entire door does not have to be opened each time.

Integrated access.

The wicket door in the door leaf permits access for people.

Quality "Made in Germany"

Established over 80 years ago in eastern Westphalia, the company has also been manufacturing since 1990 in Großzöberitz (Saxony-Anhalt).

Our CarTeck garage doors are manufactured on highly modern production lines.





MADE IN GERMANY

With more than 900 highly qualified employees at our sites in Verl and Großzöberitz, we stand for product development and manufacture that is "Made in Germany." We only use first-class materials, we ensure precise production with highly-modern machinery, and we carry out continuous quality examinations within the framework of our quality management structure in accordance with DIN EN ISO 9001.

In 2012 we established integrated management systems with the elements Environment (DIN EN ISO 14001), Energy (DIN EN ISO 50001) and also Occupational Health and Safety (BS OHSAS 18001).

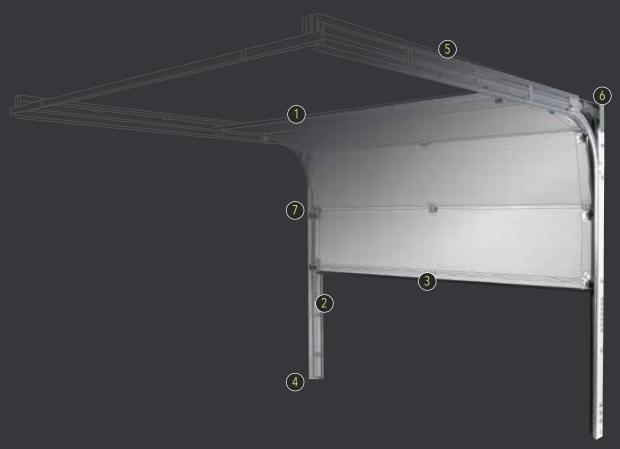
You can thus count on sustainable production and a particularly high standard of occupational health and safety.

At home in Europe. International competence.

There is a good reason for Teckentrup's leading position in Europe: we have been active in the widest variety of markets for many years and we know their particular requirements very well. Our CarTeck sectional doors for private customers benefit from the extensive expertise from the field of industrial sectional doors. You can thus fully rely on our quality – e.g. with respect to mechanical requirements, thermal insulation, or operating safety. In the whole of Europe.

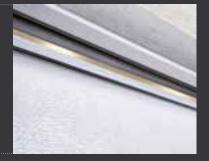
We combine "Made in Germany" quality with European competence to produce an unbeatable advantage: wherever you plan your project, you can trust in the capability of one of Europe's leading manufacturers of high-quality doors.

Love of detail. Patents, technology.



1) Thermal and rain protection

When the top section closes against the seal of the head plate the door will give maximum performance, delivering reductions in drafts, water penetration and resultant heat loss. Please note that the installation, and the construction of your garage, as well as local prevailing site conditions may have an affect on the performance of your new garage door.



2 Side seals

The sealing concept is continued here. Flexible seals on the frame legs have the dual function of again reducing drafts and water penetration with the dual function of stopping the door panels rattling against the door surface when the door is closed.



(3) The multi-talent / floor seal

The elastic EPDM rubber profile floor seal combines 4 intrinsic advantages: It is resistant to the rotting process, remains flexible even in extremely cold conditions, and can compensate for some unevenness in the floor while also offering reduced water and draft penetration.



4 Corrosion protection / spacer

A special covered plastic element separates the vertical frame sections from the floor. Whether after a rain shower or in the case of creeping dampness – the design ensures that the base area is always aerated, dries quickly and is hence protected against corrosion.



(5) Technology with profile / spring channel

In conjunction with special plastic sliding elements, the special profile configuration of the spring channel plates ensures that the sectional door runs very smoothly and quietly. If desired, we can supply special high-performance springs with a 10-year manufacturer's warranty. The enclosed design of the spring channel prevents the penetration of dirt and also increases durability.



6 Dual safeguard / multiple spring system

The multiple spring system optimally balances the door's weight in any situation. The dual supporting cables always reliably support the door even if a cable or spring is broken. This ensures smooth operation of the sectional door: It can also be opened and closed in emergencies.



7 Quiet door operation / roller support

The eccentric roller supports are patented by Teckentrup. They are made of wear-resistant special plastic. They provide maintenance-free function and at the same time muffle the sound of the door rollers, so that together with the profiled spring channels they contribute to quiet, barely-audible door operation.



Performance characteristics

Thermal insulation	Panel: $U_D = 0,56 \text{ W/m}^2\text{K}$ Door leaf without glazing: $U_D = 0,95 \text{ W/m}^2\text{K}$ Installed door: $U_D = 1,48 \text{ W/m}^2\text{K}^*$ *10 m² door area without glazing		
Air permeability (DIN EN 12426)	Class 2		
Wind load (DIN EN 12424)	Class 3		
Impermeability to driving rain (DIN EN 12425)	Class 2		
Fire behaviour (DIN EN 4102)	Door leaf element material class B2 (normally inflammable)		

Freedom of choice. GSW 40-L performance characteristics

Overview	GSW 40-L								
Styles	Ribbed and centre ribbed			Unribbed				Georgian	
Surfaces	woodgrain	stucco	micro-profiled	smooth	woodgrain	stucco	micro-profiled	smooth	woodgrain
15 popular colours	х	x	x	x	х	x	x	x	х
4 wood decors	-	-	-	х	-	-	-	х	Х
approx. 200 RAL colours	х	x	х	x	х	x	х	х	х
. Glazing variants	8	8	8	8	11	11	11	11	5
Design applications	-	-	-	-	-	-	-	8	-
Burglar resistance	standard			standard			standard		
Finger pinch protection	standard			standard			standard		
4-side seal	standard			standard			standard		
: Multiple spring channel	standard			standard			standard		
. High-performance springs	optional			optional			optional		
Corrosion protection	standard			standard			standard		
Multiple-spring Dual-cable system	standard			standard			standard		
Patented eccentric roller brackets	standard			standard			standard		
Wicket door	optional			optional			-		
Side door	optional			optional			optional		
Handle sets	optional			optional			optional		

CarTeck drives	CarTeck 20.2 or CarTeck 40.2		
Designer hand-held transmitters Black	standard	standard	standard
Designer hand-held transmitters white + 4 sleeves	optional	optional	optional
light barrier	optional	optional	optional

Your options. Model overview.

Styles

Door widths of up to 5.5 m and door heights of up to 3 m in conjunction with four possible styles – with these options, you will definitely be able to find your dream door. We will also deliver a matching side door on request.

(Special dimensions on request)



"Ribbed" style



"Centre ribbed" style



"Unribbed" style



"Cassette" style

Surfaces

We offer four different surface structures, each of which have their own aesthetic effect.



woodgrain



stucco



micro-profiled



smooth

Wood decors

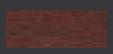
Our wood decors are the top choice for anyone who wants to combine the warm appearance of wood with the advantages of an insulated door leaf.



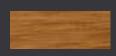
Golden Oak



Dark Oak



Rosewood

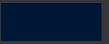


Winchester

RAL of your choice



Blazing Red RAL 3000



Steel Blue RAL 5011



Moss Green RAL 6005



Fir Green RAL 6009



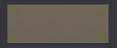
15 popular colours and RAL colours of your choice – these provide you with all colour design possibilities. All surfaces are top coated and hence optimally protected from the very first day.



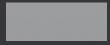
Anthracite Grey RAL 7016



Light Grey RAL 7035



Quartz Grey RAL 7039



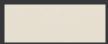
Window Grey RAL 7040

Due to the printing process colours are only representations.

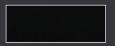
RAL offers a guide to colour matching, materials, differing manufacturing processes and batches may create shade variations.



Sepia Brown RAL 8014



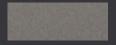
Creamy White RAL 9001



Deep Black RAL 9005



White Aluminum RAL 9006



Grey Aluminum RAL 9007

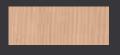


Grey tone TT 703*



Brown tone TT 8014*

Solid wood



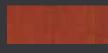
Untreated



Pine



Spruce



Teak

For everybody that loves real wood. Our GSH-type solid wood doors have a high resistance to weather influences and UV radiation.

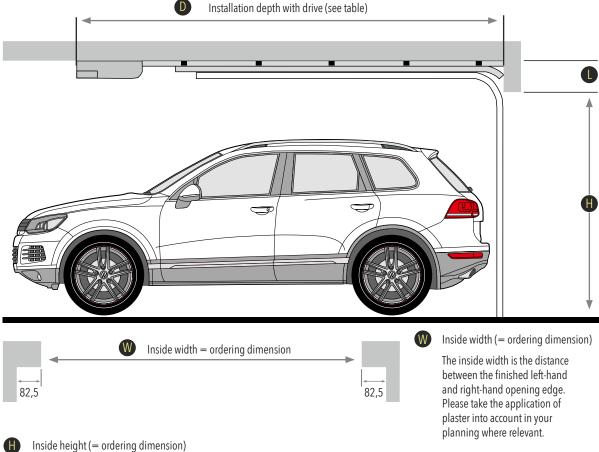


Walnut

^{*} Colour tones with micaceous iron ore particles

Installation dimensions. Door and gate sizes.

Please take note of the following information about measurement to ensure precise installation and to guarantee precise, reliable function of the CarTeck sectional garage door.



- Inside height (= ordering dimension)
 The inside height is the distance between the upper edge of the finished floor to the lower edge of the lintel.
 Please take the reduction in this distance due to the application of screed or asphalt into account in your planning where relevant.
- Lintel requirement
 In the case of very large doors, reinforced roller brackets ensure durable function. This will increase the lintel requirement by 25 mm (see marking in the table [[[[[[]]]]]][[[]]]).

Equipment	Lintel requirement	Internal headroom		
with drive with drive	120 mm 240 mm	completely free - standard equipment completely free - special equipment with preliminary package - 125 mm extended top roller brackets		
Manual operation	240 mm	completely free - special equipment with door		
Manual operation	240 mm	stopper approx. – 25 mm - standard equipment		
Manual operation	120 mm	approx. – 80 mm - special equipment with door		
Manual operation	120 mm	stopper approx. – 150 mm - special equipment		

depth 352011111 407011111

4070 mm

3570 mm

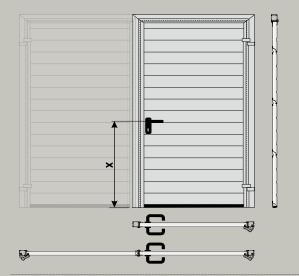
Installation

3320 mm

NOTE: In the case of manually-operated doors, the insertion depth is reduced. Please ask your specialist dealer about this.

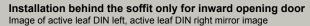
In the case of sectional doors with drives, the door height plus a length of approx. 1070 mm gives the required installation depth. A simple calculation. Nevertheless, many other marginal conditions must be taken into consideration for both renovations and new buildings. For this reason, you should contact a Teckentrup dealer in advance, who will conduct the measurements and will gladly help you with any other queries relating to your new sectional garage door.

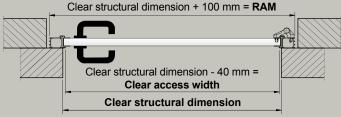
The dimensions specified in the table serve for orientation. Naturally, all intermediate dimensions are individually manufactured. The door leaf and drive must match each other irrespective of your selected door size and width.

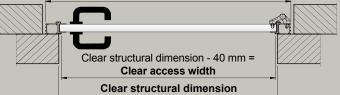


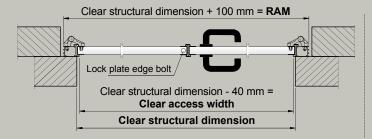
Door height	Height of the sections	* Dimension x		
2500 mm	493 mm	935 mm		
2375 mm	469 mm	1140 mm		
2250 mm	556 mm	1035 mm		
2125 mm	523 mm	985 mm		
2000 mm	493 mm	935 mm		
1875 mm	469 mm	1140 mm		

* Door handle height: Value depending on system axis

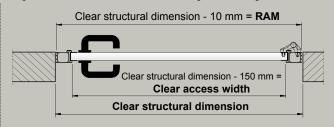


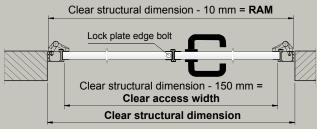


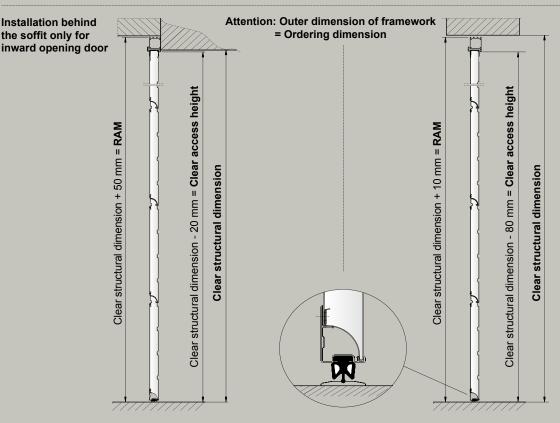




Installation in the soffit for inward and outward opening door Image of active leaf DIN left, active leaf DIN right mirror image







Installation in the soffit for inward and outward opening door

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