

HOME PRODUCTS TECHNICAL GUIDE

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FITTERS TIPS

WHAT PERFORMANCE CAN I EXPECT?

As Part of the UKCA/CE marking process, each product must have its performance provided for a defined set of characteristics. Other characteristics can also be included if relevant to a door's performance, such as security. The following table shows the performance characteristics of each product in our range.

NPD signifies the product has not been measured for this characteristic (NPD – No Performance Determined)

PERFORMANCE CHARACTERISTIC	CarTeck Sectional Garage Doors	CarTeck Super Size Sectional Garage Doors	CarTeck Sectional GSA Vision Garage Doors	CarTeck Sectional SLX Vision Garage Doors	CarTeck Side Hinged Garage Doors
Resistance to Windload EN 12424	Class 2	Class 2	Class 2	Class 2	Class 2
Watertightness EN 12425	Class 2	Class 2	Class 2	Class 2	NPD
Air Permeability EN 12426	Class 2	Class 2	Class 2	Class 2	NPD
Thermal Transmittance EN 13241	1.38 W/m²k	1.29 W/m²k	3.3 W/m²k	3.5 W/m²k	2.20 W/m²k
Operating Forces (hand Operated) EN 12604	150 N	150 N	150 N	150 N	NPD
Operating Cycles EN 1191	NPD	NPD	NPD	NPD	NPD

For more information on what performance you can expect from your garage door, visit the Honesty Page on the Teckentrup website –

www.teckentrup.co.uk/garage-doors/the-honest-page



HONESTY PAGE
- SCAN ME!

WARRANTY

The warranty periods below only apply to products that have been correctly installed as per the instructions and have been used, maintained by a Garage Door Specialist and cleaned in accordance with the requirements set out in the operating and maintenance sections of instructions and labels.

CARTECK, SUPER SIZE, GSA VISION & SLX VISION SECTIONAL GARAGE DOORS

2-year manufacturer's guarantee

- on polymer and aluminium window units

5*-year manufacturer's guarantee

- on SLX & GSA Vision windows, rollers, hinges, cable pulleys, cables and standard springs (opening/closing max. 5 times a day)

10-year manufacturer's guarantee

- on panels against rust penetration from inside to outside
- against door panel separation of steel from foam
- on material and manufacturing flaws of all non-moving parts of the frame that are verifiably unusable or whose usability is substantially compromised
- on floor seal, intermediate seals, side seals and lintel seal against rotting

The guarantee does not apply to doors that are subjected to extreme conditions, e.g. corrosive influences resulting from use in a coastal climate with high salt content.

*2 -year for Super Size

CARTECK SIDE HINGED GARAGE DOORS

2-year manufacturer's guarantee

- on window units, hinges, locks, handles and stays (opening/closing max. 5 times a day)

10-year manufacturer's guarantee

- on panels against rust penetration from inside to outside
- against door panel separation of steel from foam
- on material and manufacturing flaws of all non-moving parts of the frame that are verifiably unusable or whose usability is substantially compromised
- on floor seal, intermediate seals and frame seals against rotting

The guarantee does not apply to doors that are subjected to extreme conditions, e.g. corrosive influences resulting from use in a coastal climate with high salt content.

CARTECK DRIVE & MOTOR

*5-year manufacturer's guarantee

- on mechanical defects, material and manufacturing flaws. (opening/closing max. 5 times a day)**

*1 -year for Super Size

** Consumable Items are not included within warranty terms and conditions: hand transmitters, light bulbs, fuses & batteries.

CARTECK COASTAL PAINT FINISHES

3-year for coastal locations

- Only applies to doors ordered with the Coastal Paint upgrade and only covers peeling and blistering (normal colour fade excluded) on the external face of the panels only (does not cover staining or bleed from hardware)

SECTION 1:

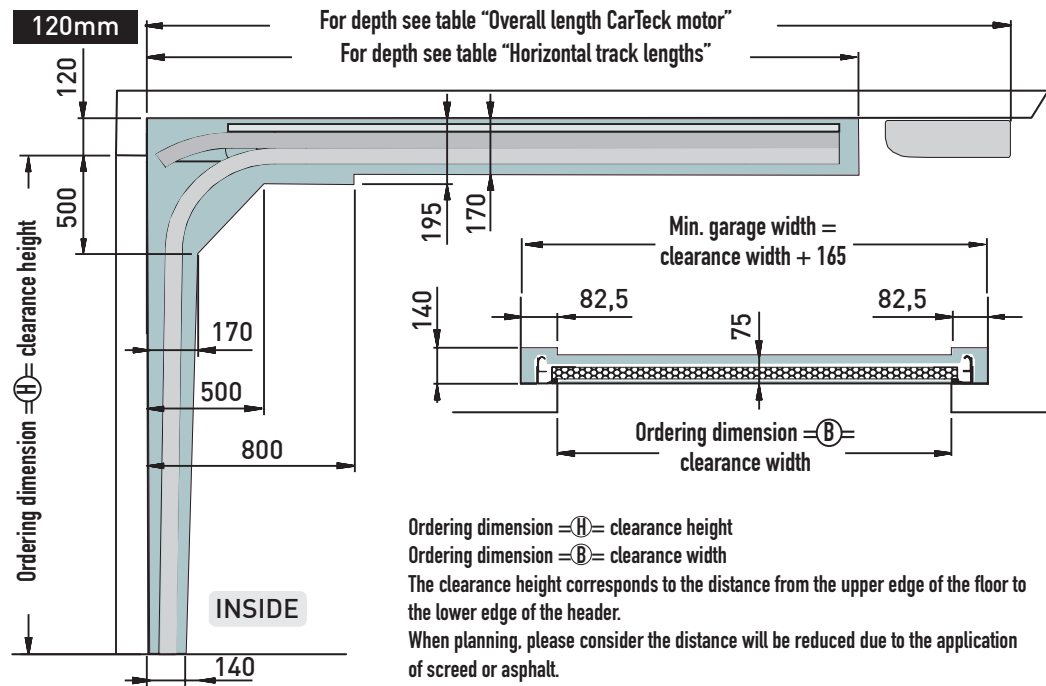
CARTECK INSULATED SECTIONAL GARAGE DOORS
CARTECK SLX VISION SECTIONAL GARAGE DOORS
CARTECK GSA VISION SECTIONAL GARAGE DOORS
CARTECK SUPERSIZE SECTIONAL GARAGE DOORS
FITTERS TIPS




TECHNICAL CARTECK SECTIONAL GARAGE DOORS GSW 40-L & GSA/SLX VISION

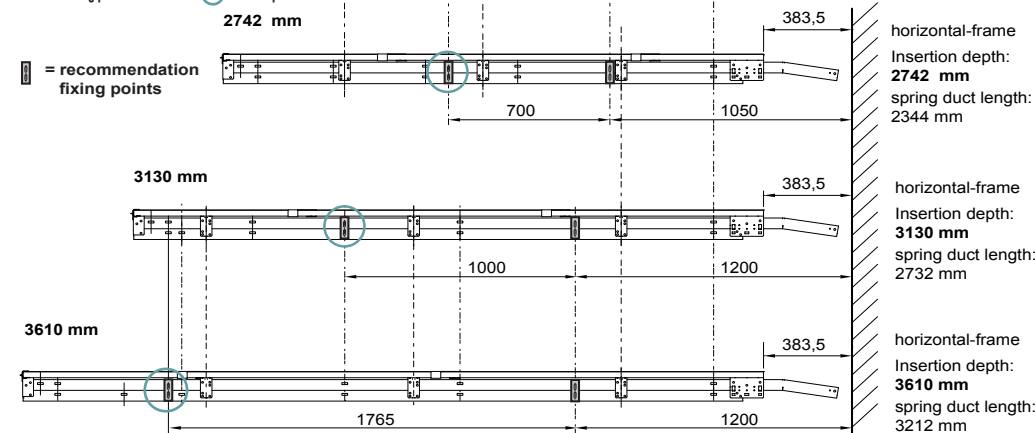
DIMENSIONS ORDERING SIZES = DRIVE THROUGH SIZES

Observe the following measurement details to guarantee exact assembly and precise, reliable operation of CarTeck sectional garage doors.



RECOMMENDED HORIZONTAL TRACK FIXING POINTS

If the rear spacer bar extending side fixings are securely fixed, the second fixing point, shown within  is not required.



ORDERING NOTES:

Door heights achieved by mixing panel heights (except ribbed), use of 0, 9, 17, or 32mm bottom profiles or top & bottom panel cut downs. When ordering use metric sizes, imperial conversions are nominal.

Frame holes & fixing brackets

Height	Width																			Height
	2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877	5182	5500	
3000																				3000
2875																				2875
2750																				2750
2625																				2625
2500																				2500
2375																				2375
2250																				2250
2204																				2204
2175																				2175
2125																				2125
2084																				2084
2050																				2050
2000																				2000
1925																				1925
1875																				1875
Height	2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877	5182	5500	Height

Requires frame leg holes (standard frame) and twist fix frame leg brackets.

Twist fix frame leg brackets not required, but provided to assist with installation*.

No holes in frame leg as an option (between fix frame with stiffener brackets required).

Twist fix frame leg brackets required.

No holes in frame leg as an option (between fix frame with stiffener brackets required).

Standard frame leg hole position from edge of frame leg (seal side) to centre of fixing holes = 55mm.

***Doors below 70kg do not require twist fix brackets for strengthening, however they are included with all doors to assist with installation.**

They can be used outbound of the frame to locate a secure fixing when inbound fixing is not possible or sufficiently solid.

NOTE: 240mm headroom can affect these dimensions/specification - please consult the office when ordering. 2135mm high maximum for no holes frame with 240mm headroom kit.

HORIZONTAL TRACK LENGTHS

☐ Allow 115mm headroom. Use standard lifting gear.

 Allow 140mm headroom above trays only.

Gear uses twin springing & commercial roller spindles

		Width																		
Height	2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877	5182	5500	Height
3000																				3000
2875																				2875
2750																				2750
2625																				2625
2500																				2500
2375																				2375
2250																				2250
2204																				2204
2175																				2175
2125																				2125
2084																				2084
2050																				2050
2000																				2000
1925																				1925
1875																				1875
Height	2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877	5182	5500	Height

Horizontal tracks can be reduced on request for £176. Speak to the CarTeck sales office for limitations.

NOTE: 240mm headroom can affect these dimensions/specification - please consult the office when ordering.

SPECIFICATION

GSW 40-L Sectional door

DOOR:
Sectional door double skinned PUR foam core, 40mm thick CarTeck panels. Outer surface finished in choice of 4 standard designs and all standard listed CarTeck colours. Inner surface stucco design, colour similar to RAL 9002. Sections have a centre seal; EPDM, header, and floor seals. Different order heights are made up from mixing panel sizes, 4 different bottom profile sizes and reduced top panel heights.

FRAME:

Door frame is made from galvanized sheet steel, coil coated with polyester, prime coated similar to RAL 9016 or other Trend colour. Protective strips with EPDM sealing lips on both sides of the vertical tracks.

HARDWARE:
Galvanised finish, screwed hinges to all sections, adjustable rollers with ball bearings. Multiple tension springs and double cable system housed in low friction housing above horizontal tracks.

AUTOMATION:
Door prepared for automation as standard with manual locking available as optional extra.

COLOURS

RAL/BS references for colours are provided as a guide only to the nearest similar RAL/BS colour. Colours will not match to other RAL/BS finishes due to different coating processes, gloss levels, substrates and textures. Similarly, special RAL, BS or other colours will not be a precise match.

The door panel, frames and window frame colour shade, and surface lustre will show some slight variation, this is due to different base materials and coating methods.

GSA / SLX Vision Sectional door

DOOR:
Sectional door panels made from hollow aluminium profiles, 40mm depth filled with 16mm scratch resistant, polymer double glazing. Sections have a centre seal; EPDM, header, and floor seals. Door heights are achieved by equal division of panel heights ranging from 300mm to 750mm.

FRAME:
Door frame is made from galvanized sheet steel, coil coated with polyester, prime coated similar to RAL 9016 or other Trend colour. Protective strips with EPDM sealing lips on both sides of the vertical tracks.

HARDWARE:
Hardware, galvanised finish, screwed hinges to all sections, adjustable rollers with ball bearings. Multiple tension springs and double cable system housed in low friction housing above horizontal tracks.

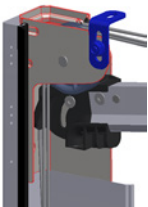
AUTOMATION:
Door prepared for automation as standard.

COLOURS

RAL references for colours are provided as a guide only to the nearest similar RAL colour. Colours will not match to other RAL finishes due to different coating processes, gloss levels, substrates and textures. Similarly, special RAL, BS or other colours will not be a precise match.

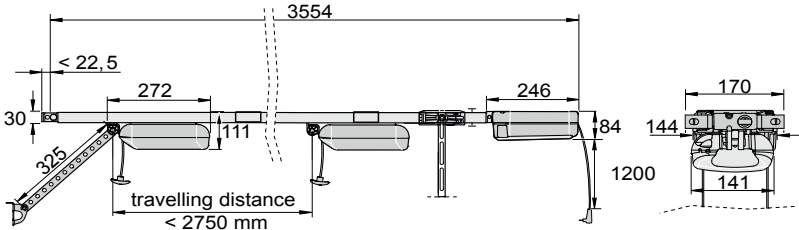
The door panel, frames and window frame colour shade, and surface lustre will show some slight variation, this is due to different base materials and coating methods.

NO HOLES FRAME FIXING

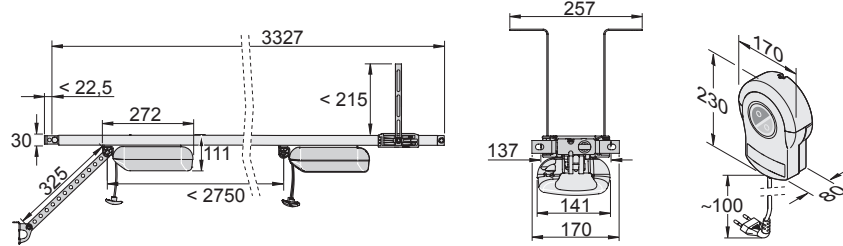


IMPORTANT !
When fixing a no-holes frame between the reveal you must secure the frame to the lintel as shown using the 'L' bracket supplied.
If a good fixing cannot be achieved, alternative fixing methods must be used to secure the frame.

CARTECK DRIVE 500 / 600 DIMENSIONS



CARTECK DRIVE PRO 500 / 600 DIMENSIONS



OPERATOR RAIL FOR CARTECK DRIVE & DRIVE PRO

Height	Width																	Height		
	2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877		5182	5500
3000																				3000
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2050																				2050
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1925																				1925
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Height	2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877	5182	5500	Height
Width																				

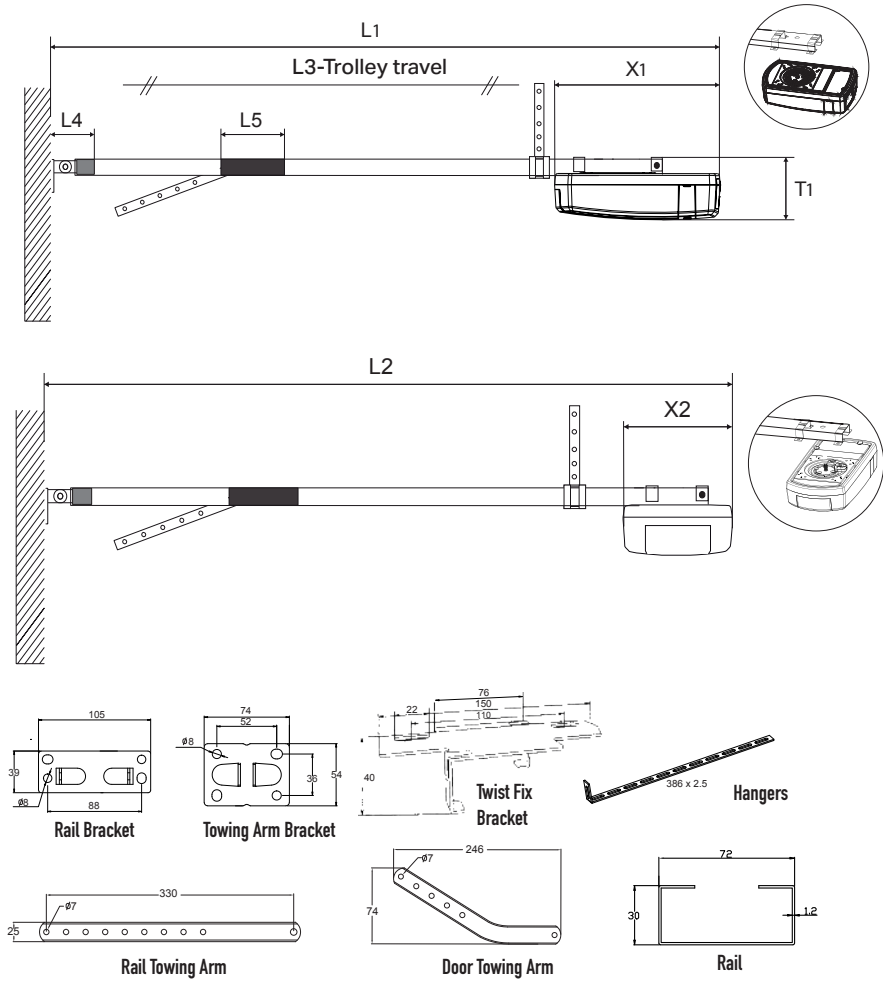
LIFTING RANGE & RAIL REQUIREMENT FOR CARTECK MOTOR L60 AND L75

		L60 & L75																L75 Only			
		Width																			
Height		2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877	5182	5500	Height
3000																					3000
2875																					2875
2750																					2750
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2375																					2375
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2050																					2050
2000																					2000
1925																					1925
1875																					1875
Height		2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267	4420	4572	4877	5182	5500	Height
		Width																			

>2500mm Rail Extension Required

<2500mm Standard Rail

CARTECK MOTOR L60 AND L75 DIMENSIONS



Rail Details (mm)	Rail	L1	L2	L3	L4	L5	X1	X2
2500mm Door	3187	3372	3242	2687	180	165	380	142
3200mm Door	3980	4165	4035	3500	180	165	380	142

3D PROFILE KITS

3D profile kits These profile kits not only provide a neat solution for covering frame holes on standard frames but also allow gaps to be bridged and overlap onto the opening face to neaten up edges. The profiles are supplied in 3m lengths for on-site cutting to size. Doors >3m will require a butt joint on the header, for a seamless header choose the 850 or 120mm 3D frame leg kit and additional header.

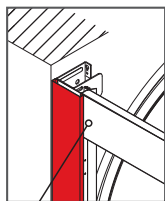
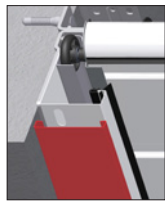
The kits:

85mm frame leg kit**	2no. 85mm x 12mm x 3000mm
85/120mm 3D profile kit**	2no. 85mm x 12mm x 3000mm 1no. 120mm x 12mm x 3000mm
120mm 3D profile kit**	3no. 120mm x 12mm x 3000mm
*85mm frame leg kit & additional door header	2no. 85mm x 12mm x 3000mm (The additional door header will be supplied to the door ordering size +200mm)
*120mm frame leg kit & additional door header	2no. 120mm x 12mm x 3000mm (The additional door header will be supplied to the door ordering size +200mm)
70mm angle 3D kit	3no. 70mm x 12mm x 3000mm

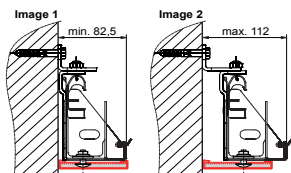
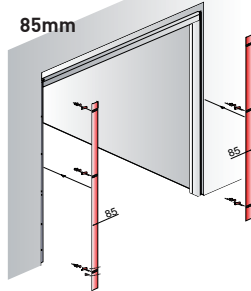
* For doors over 3 metres wide – additional door header eliminates the join that would occur using a 120mm 3D profile (max length 3 metres)

85mm frame leg 3D profile kit

85mm frame leg 3D cover profiles for between the reveal fit with lateral movement for up to 30mm gap coverage or up to 30mm overlap.

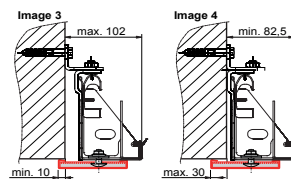
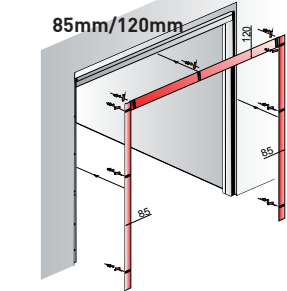


Note: The frame leg 3D kit profiles are 12mm deep and will create a step at the header. Use an 85/120 3D profile kit for a flush finish.



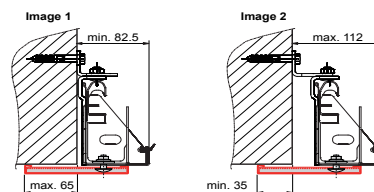
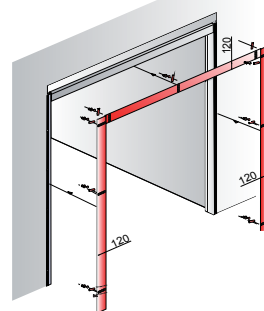
85mm/120mm 3D profile kit

Also available in a kit with a 120mm header 3D cover profile.



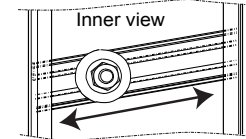
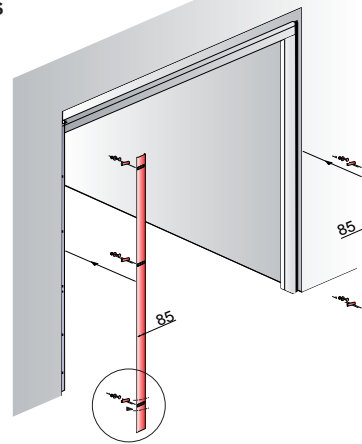
120mm 3D profile kit

120mm 3D cover profiles for between the reveal fit at the front edge with lateral movement for up to 65mm overlap.

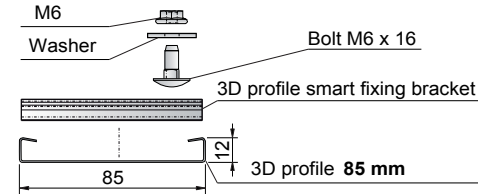


The 3D profiles have a smart fixing that allows for lateral movement – perfect for bridging small fitting gaps or tidying up the front face of the opening.

Shown here on the 85mm 3D profile.

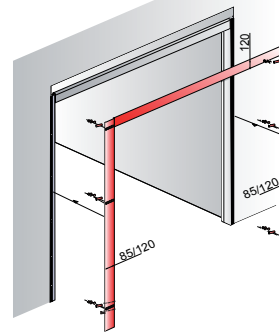


3D profile smart fixing bracket 85 mm



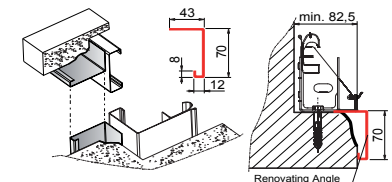
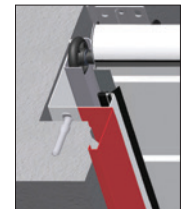
85/120mm 3D frame leg kit & additional door header

Perfect for doors over 3000mm wide – our 120mm 3D profile comes in 3000mm lengths requiring a butted joint on the header for larger doors – this kit includes a second full-width single piece header for a seamless finish. Choose kits with either 85mm or 120mm frame legs.



70mm angle 3D renovating profile

Use this when fitting behind the reveal or part between to neaten up damaged openings. The 70mm angle 3D renovating profile is held between the frame and the brickwork and will cover the back corner of the opening to tidy up any damaged wall edges. Ideal when removing timber frame and brick work deteriorated. Supplied in 3000mm lengths for on-site cutting to the required length.



POLYMER WINDOWS

CARTECK INSULATED SECTIONAL GARAGE DOORS GSW 40-L

WINDOWS - POLYMER DOUBLE GLAZING Polymer casement with polymer (Styrene Acrylonitrile) double glazed unit.

Standard Rib, Centre Rib & Solid



Rectangle 1
Plain



Rectangle 1
Cross Mullion



Rectangle 1
Rhombus



Rectangle 2

Georgian



Rectangle 1
Plain



Rectangle 1
Cross Mullion



Rectangle 3



Vertical Square 1



Vertical Square 2



GSA Aluminium



Rectangle 1
Rhombus

Polymer Windows

To price for windows fitted vertically down the door; square type 1 & 2, match windows to number of sections ie 4 sections = 4 windows).

Selected Trend colours & wood design windows are finished in a complementary flat colour for Golden Oak (RAL8003), Rosewood (RAL8016), Night Oak (RAL8014), Winchester RAL8001), Textured Anthracite (RAL7016), Ice Crystal Grey Aluminium (RAL9007) and TT9016 Bling White (RAL9016).

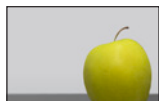
The surrounds on aluminium GSA window sections are finished in a smooth finish. Window frame colour shade and surface lustre will show a variance from the panel finish as the base material and coating methods are different.

Polymer glazing in Georgian doors and Type 2 rectangle is 16mm thick. All other polymer glazing is 20mm thick.

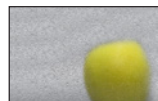
Style	Overall Size	Colour / Finish
Rectangle 1	610 X 270	White Trend/Trend+/Ral/Wood design
Rectangle 2	680 X 210	White Trend/Trend+/Ral/Wood design
Rectangle 3	980 X 140	White Trend/Trend+/Ral/Wood design
Square 1 & 2	270 x 270	White Trend/Trend+/Ral/Wood design
GSA Aluminium Window Section	per linear m	White/Trend/Trend+ Ral/Wood design

All polymer windows are available with these glazing options:

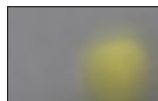
*The exterior pane is Frosted/Satin and the interior pane is Clear.



Clear



Frosted*



Satin*

ALUMINIUM WINDOWS & DECALS

CARTECK INSULATED SECTIONAL GARAGE DOORS GSW 40-L

ALUMINIUM WINDOWS - POLYMER DOUBLE GLAZING Aluminium and polymer casement with polymer double glazed unit.



Alpha
280mm x 280mm



Sigma
610mm x 200mm



Zeta
ø280mm



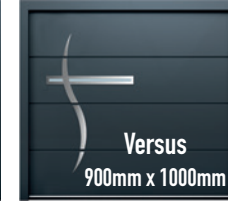
Gamma
534mm x 344mm



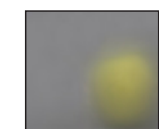
Kappa
1860mm x 180mm



Athena
406mm x 203mm



Versus
900mm x 1000mm



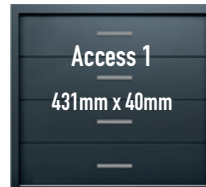
Satin



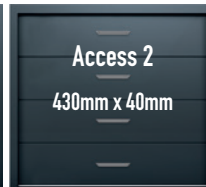
Clear

All aluminium windows are available with these glazing options (satin is supplied as standard).

ALUNOX DECALS Factory bonded alunox decals. Decals can be positioned to requested positions, however, popular arrangements are shown here.



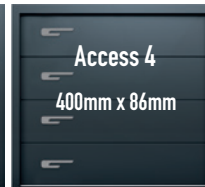
Access 1
431mm x 40mm



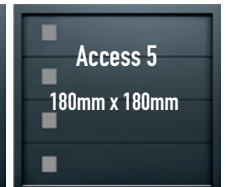
Access 2
430mm x 40mm



Access 3
215mm x 40mm



Access 4
400mm x 86mm



Access 5
180mm x 180mm



Access 6
70mm x 70mm



Access 7
150mm x 150mm



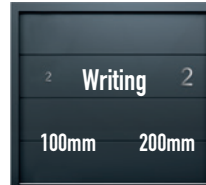
Access 8
194 mm x 194 mm



Access 9
436mm x 40mm



Access 10
431mm x 13mm

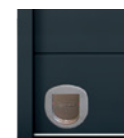


Writing
100mm 200mm

EXTRA TOUCHES



*Customer supplied



SPY HOLE



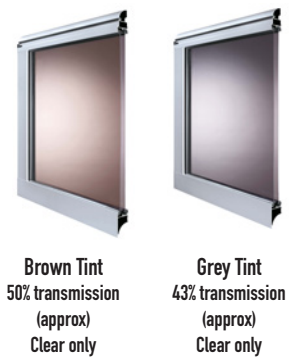
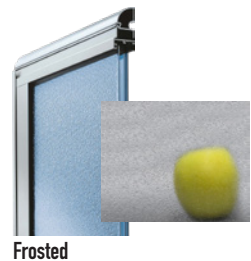
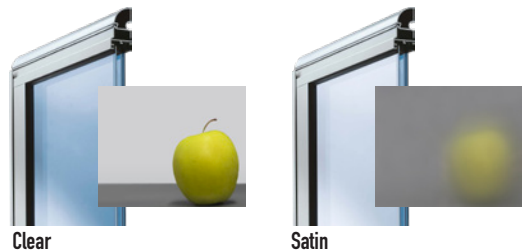
LETTER BOX

Letter boxes are available finished in Satin Nickel as standard with an option for Gold, Rose Gold, Chrome, Black, White or Anthracite.

SLX VISION OPTIONS & CONFIGURATION

VISION OPTIONS

Sectional door panels made from hollow aluminium profiles, 40mm profile depth with 20mm scratch resistant, polymer double glazing.



WHAT WILL MY DOOR LOOK LIKE?

Full width glazing up to 3250mm wide (no mullions)



Single mullion over 3250mm wide, maximum width 4000mm.



The number of sections is dependent on door height and is shown below:



4 sections Doors up to 2280mm high. 5 sections Doors up to 2835mm high. 6 sections Doors up to 3000mm high.


GSA VISION OPTIONS & CONFIGURATION

GSA Vision Options

Sectional door panels made from hollow aluminium profiles, 40mm profile depth with 20mm scratch resistant, polymer double glazing.



Clear




Satin




Frosted

WHAT WILL MY DOOR LOOK LIKE?


The number of sections is dependent on door height and is shown below:



4 sections Doors up to 2280mm high.




5 sections Doors up to 2835mm high.



6 sections Doors up to 3000mm high.


The number of vertical mullions is dependent on door width and is shown below:

Doors up to 2235mm wide




◀ 2 windows

Doors up to 2438mm wide




◀ 3 windows

Doors up to 3353mm wide




◀ 4 windows

Doors up to 4420mm wide



◀ 5 windows

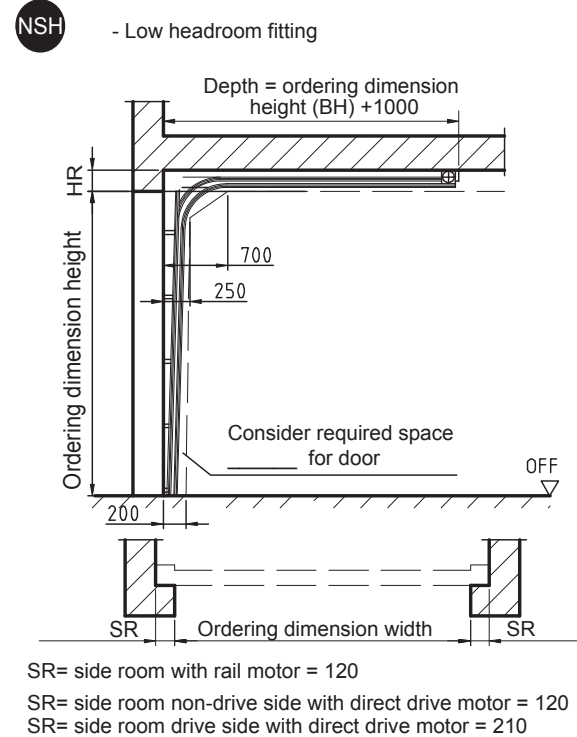
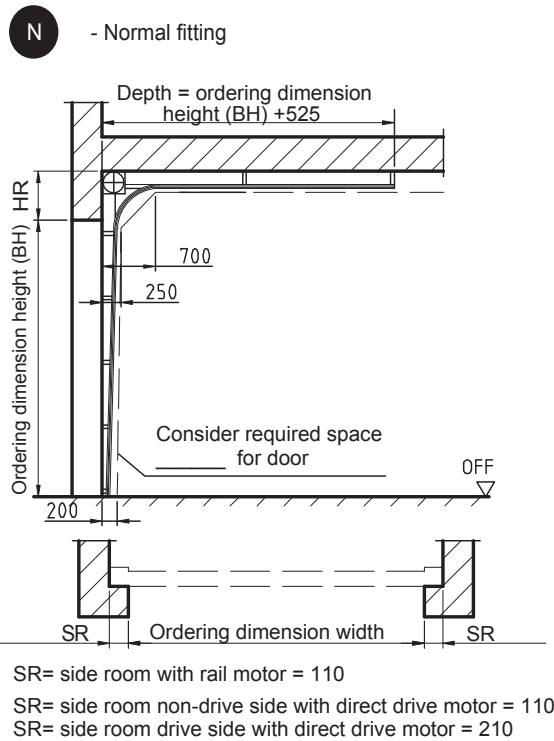
Doors up to 5500mm wide



◀ 6 windows

TECHNICAL CARTECK SUPER SIZE SECTIONAL GARAGE DOORS GSW 40-L

DIMENSIONS AND CLEARANCES



HR HEADROOM REQUIREMENT

Heights			Widths	6000	6500	7000	7500	8000		
4 Sections	2250 7'4"	Rail Operator	Stand Headroom	400	450	-	-	-		
			Low Headroom	300	300	-	-	-		
		Direct Drive	Stand Headroom	400	450	450	450	450		
			Low Headroom	280	280	280	280	280		
5 Sections	2750 9'0"	Direct Drive	Stand Headroom	400	450	450	450	450		
			Low Headroom	280	280	280	280	280		
			6 Sections	3000 9'9"	Direct Drive	Stand Headroom	400	450	450	450
						Low Headroom	280	280	280	280

Max Width For Low Headroom = 7750

300mm low headroom with rail operator is to prevent the top panel seal rubbing on the rail

If this is not an issue then the door will fit in 280mm

SPECIFICATION

DOOR:

Sectional door double skinned PUR foam core, 40mm thick CarTeck panels. Outer surface finished in choice of 4 standard designs and all standard listed CarTeck colours. Inner surface stucco design, colour similar to RAL 9002. Sections have a centre seal, EPDM, header, and floor seals. Different order heights are made up from mixing panel sizes, 2 different bottom profile sizes and reduced top panel heights. Doors have reinforcing steel profiles on the rear of the panels.

FRAME:

Door frame is made from hot dipped galvanised steel sections. Protective strips with EPDM sealing lips on both sides of the vertical tracks.

HARDWARE:

Doors have galvanised frame legs and are supplied without a header strip. Hardware has galvanised finish, screwed hinges to all sections, adjustable rollers with ball bearings. Front or optional rear mounted torsion spring with load-bearing steel cables. 1 pair of tension bars.

AUTOMATION:

Electric 230V drive as standard, either direct or rail drive. Optical safety edge, hard wired to control system and photocells. Direct drive motor must have 13 amp supply direct to consumer unit. External release is not possible with direct drive motor, additional access must be available into garage.

COLOURS

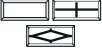



RAL references for colours are provided as a guide only to the nearest similar RAL colour. Colours will not match to other RAL finishes due to different coating processes, gloss levels, substrates and textures. Similarly, special RAL, BS or other colours will not be a precise match.

The door panel, frames and window frame colour shade, and surface lustre will show some slight variation, this is due to different base materials and coating methods.

POLYMER WINDOW OPTIONS

CARTECK SUPER SIZE SECTIONAL GARAGE DOORS GSW 40-L

WINDOWS - POLYMER DOUBLE GLAZING Polymer casement with polymer (Styrene Acrylonitrile) double glazed unit.

	Style	Overall Size	Colour / Finish
	Rectangle 1	610 X 270	White Trend/Trend+/Ral/Wood design
	Rectangle 2	680 X 210	White Trend/Trend+/Ral/Wood design
	Rectangle 3	980 X 140	White Trend/Trend+/Ral/Wood design
	Square 1 & 2	270 x 270	White Trend/Trend+/Ral/Wood design
	GSA Aluminium Window Section	per linear m	White/Trend/Trend+ Ral/Wood design

Polymer Windows

To price for windows fitted vertically down the door; square type 1 & 2, match windows to number of sections ie 4 sections = 4 windows).

Selected Trend colours & wood design windows are finished in a complementary flat colour for Golden Oak (RAL8003), Rosewood (RAL8016), Night Oak (RAL8014), Winchester (RAL8001), Textured Anthracite (RAL7016), Ice Crystal Grey Aluminium (RAL9007) and TT9016 Bling White (RAL9016).

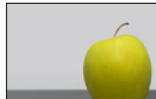
The surrounds on aluminium GSA window sections are finished in a smooth finish.

Window frame colour shade and surface lustre will show a variance from the panel finish as the base material and coating methods are different.

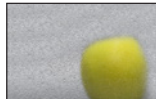
Polymer glazing in Type 2 rectangle is 16mm thick. All other polymer glazing is 20mm thick.

All polymer windows are available with these glazing options:

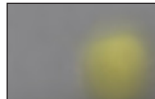
*The exterior pane is Frosted/Satin and the interior pane is Clear.



Clear



Frosted*



Satin*

FITTERS TIPS SECTIONAL DOORS

FRAME TYPES & BETWEEN FIX

Which Frame type?



Standard Frame (with back fixing holes)

Use this frame for:

- **Back-fix**
- **Part-within fix**
show up to 48mm of frame leg within the opening
- **Between the reveal fix**
In conjunction with 3D profile covers



Between Fix Frame (without back fixing holes)

Use this frame for:

- **Between the reveal fix**
Up to a maximum size of 5500mm (18'0") wide and 2250mm (7'4") high

Does not require 3D cover profiles

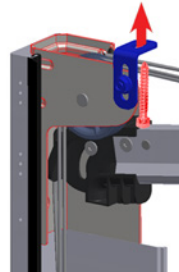
BETWEEN FIX

There are things you must do to ensure a sound installation on a no-holes frame:

YOU MUST USE THE LINTEL FIXING TO SECURE THE TOP OF THE FRAME LEG OF A NO HOLE FRAME*



Pre-fitted Lintel fixing brackets - **IMPORTANT!** These must be used to secure the top of the frame leg, preventing lateral movement. If you can't use the bracket you must find an alternative means to secure the frame leg.



Stiffener brackets must be fitted to ensure the frame legs are prevented from twisting.

***Not required on standard frame between fix.**

Optional extra accessories to make between fix easy:



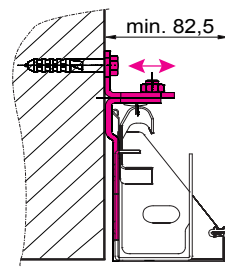
Kit Shown used with L shaped bracket



Bracket and fixings

Twist fix header kit When fitting between the reveal the frame header must be secured. The kit includes a pair of brackets that facilitate a solid fix for the header by providing a fixing point for "L" shaped brackets.

Between fix kit The kit includes brackets that allow a fixing to be made behind the frame leg and is suitable for both the standard frame and between fix frame. The kit also includes white grommets for filling exposed frame fixing holes if you are using a standard frame.



Between fix bracket shown from both sides on a no-hole frame leg.



L Shaped brackets Our L shaped brackets are supplied in pairs and might be just the job for securing that header in conjunction with the twist fix header kit!

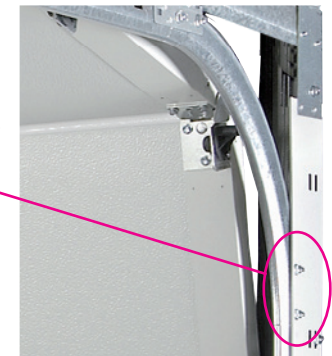
FITTING TIP!

Before you fit the frame, fit the track curves to the legs, finger tight, so that when you position the frame between the reveal and access with a spanner is narrow, all the nuts will need is a nip to tighten!

Not sure what you need? Talk to the team about our between fix solutions!

COLOUR TIP!

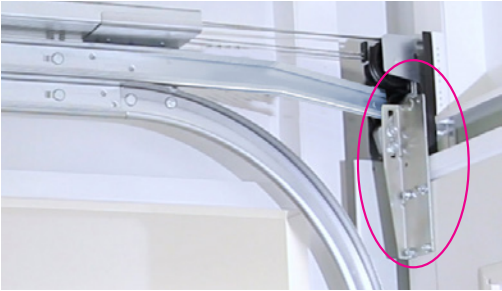
If you're fitting part within or fully within the reveal and you want your frame and header to match the door, don't forget to order a colour matched frame and header! See the notes on colour on the pricing pages to confirm which colours are available.



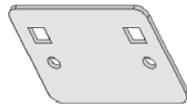
FITTERS TIPS SECTIONAL DOORS

USEFUL OPTIONS AND FITTING INFORMATION

240mm headroom kit This simple bracket lifts the tracks up an additional 120mm – great for getting over a gas meter or when a pass door comes into the garage – and it's free of charge. Just make sure you request it when ordering!



Spacer Bar Suspension Plates This bracket is needed when fitting a CarTeck DRIVE motor and you need to keep the motor within 120mm headroom. It allows the spacer bar to be lowered by 20mm (page 8 for pricing)

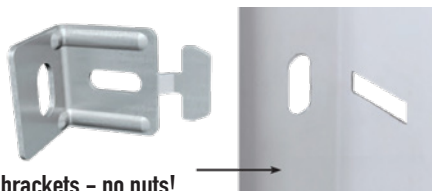


Twist fix frame leg retaining brackets Twist fix brackets are supplied with every size door but are not required on doors up to 2743mm (9'0") wide and 2250mm (7'4") high and under 70kg (You just fix straight through the frame fixing points for a secure and solid frame installation). Doors over this size do require twist fix brackets, they add rigidity to stop frame deflection.

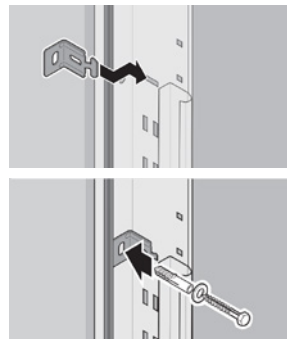
Although not required on some doors, all fixing packs include them to assist with installation. They can be used outbound of the frame to locate a secure fixing when inbound fixing is not possible or sufficiently solid.

Why twist fix?

Simple – they just locate through the frame and twist into position ready for fixing through. No fiddly nut and bolt to secure each bracket, just a super quick twist, fix and done!



Twist fix brackets – no nuts!



Header positioning options on the frame legs

The two groups of three fixing holes at the top of the frame leg allow the header to be fixed at different levels relative to the top of the frame leg.

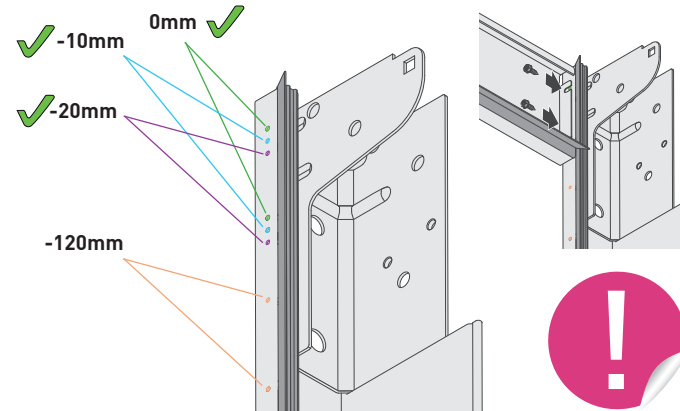
0mm sits flush with the top of the frame leg – the standard position.

-10mm sits 10mm down from the top of the frame leg.

-20mm sits 20mm down from the top of the frame leg.

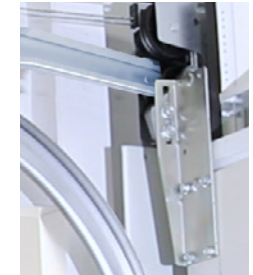
-10mm and -20mm allow you to show an amount of header below the lintel when back fixing. This is useful if you want to even up the appearance when frame legs are showing within the reveal.

You can also use these positions to drop the header if the door is sitting low in the tracks to ensure the top panel closes against the top seal without a gap.



-120mm sits 120mm down from the top of the frame leg.

Use this position when fitting a 240mm headroom kit – it drops the header down 120mm to align with the top of the door panel.



Send tracks up to the ceiling

To order a door with tracks & spring trays that mount at ceiling level and that are above 240mm headroom, price the height for the opening + lintel height and advise the office when ordering.



Sectional Garage Door Fitting



Fitting videos

Fitting your first door, need a refresher or just want to pick up a few tips – watch the full job or jump to a specific section, it's a great supplement to the paper fitting instructions.

SECTION 2:

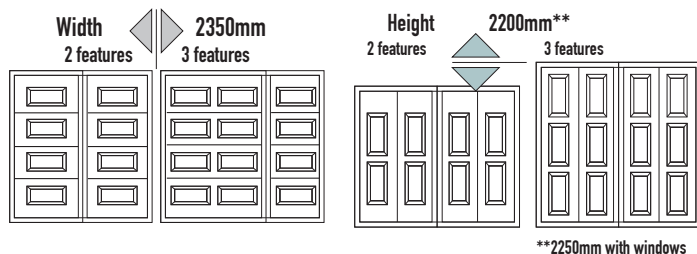
CARTECK INSULATED SIDE HINGED GARAGE DOORS FITTERS TIPS



TECHNICAL CARTECK SIDE HINGED GARAGE DOORS GSW 40-L

GEORGIAN DOORS

Horizontal doors have 2 columns of features as standard arranged 1/2 - 1/2, changing to an asymmetric three columns at the width shown below. 1/2 - 1/2 vertical doors have 2 rows of features as standard changing to three at the height shown right.



SPECIFICATION

DOOR:

Door leaves are fabricated using 40mm thick CarTeck panels with an extruded aluminium perimeter frame and integral seals. Doors with the optional standard threshold profile have an EPDM black threshold seal at the base. Each leaf is fitted with three concealed hinges. Large doors and doors with asymmetric leaves may have three or more hinges per leaf.

The door frame is an extruded aluminium profile with mitred corners and integral seals, for details refer to technical leaflet. A 3-part stepped aluminium threshold is also included. Doors over 3000mm wide are supplied with the 1-piece threshold. 10mm tolerance should be allowed to facilitate frame squaring during installation.

Doors supplied open-out as standard. Open-in is available as an option - please specify when ordering. NOTE: open-in doors increase the likelihood of water ingress. We recommend the drip guard option is selected with open-in doors.

HARDWARE:

Hardware comprises of a DIN standard CE marked European sashlock and a pair of stainless steel round bar lever handles on 50mm diameter roses. A Satin Nickel CarTeck lever handle is supplied with the 3-point hook locking option. A Euro-profile cylinder and thumb turn with stainless steel escutcheons is included as standard (double cylinder, key both sides is available as an option if required). Three keys are supplied with each cylinder. The inactive leaf is fitted with top and bottom recessed lever action flush bolts. A stay is fitted to each leaf to hold the door in the open position, any leaf below 810mm wide (including

asymmetric side hinged doors) will not have a stay. Foot stops are available as an option and are suitable for any door leaf width. A friction stay is available for door leaves below 810mm wide down to the minimum leaf width of 500mm. Stainless steel** needs regular cleaning or will stain, especially in areas of high salt content. Doors installed in coastal/high salinity environments must be fitted with a 316 Stainless Steel lever handle upgrade or 3-point locking with CarTeck lever handle. Doors with standard stainless steel or black handles may experience corrosion of the handle and discolouration of the surrounding door finish. This will be excluded from warranty claims.

COLOUR:

The door frame and window frame colour shade and surface lustre will show a variance from the panel finish as the base material and coating methods are different. Where differing materials and process are adopted, such as side hinged GSW 40L garage doors, there may be some colour matching variations. Differing light conditions may further reduce or highlight this effect. The colours RAL9006 and 9007 pose particular problems when colour matching, more information is available via the sales office.

RAL/BS references for colours are provided as a guide only to the nearest similar RAL/BS colour. Colours will not match to other RAL/BS finishes due to different coating processes, gloss levels, substrates and textures. Similarly, special RAL, BS or other colours will not be a precise match.

**For how to care for stainless steel see: www.teckentrup.co.uk/garage-doors/frequently-asked-questions-faqs

DIMENSIONS AND CLEARANCES

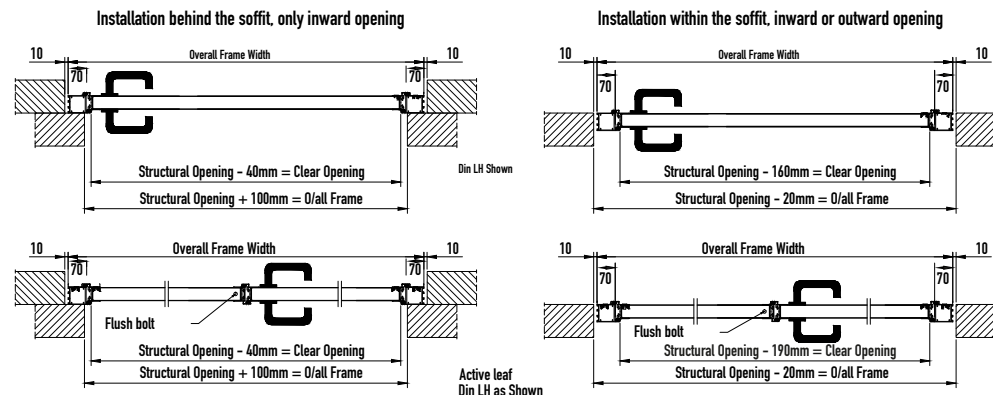
CLEARANCES

IMPORTANT

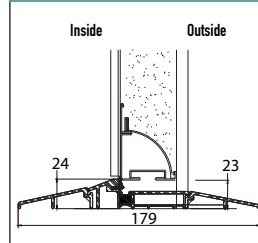
When doors are ordered as a structural opening size, Teckentrup UK will deduct 20mm from the width and 10mm from the height for coursing tolerance. If this is more tolerance than you wish, please state the over-frame dimension you require.



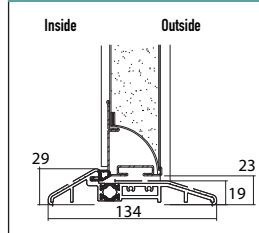
The section height and the height of the handle 'x' depend on the actual door height and construction of the door.



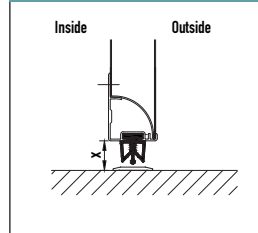
STANDARD 3-PART THRESHOLD



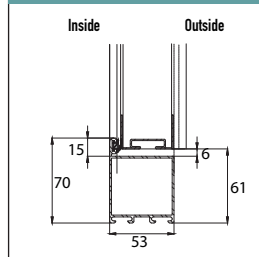
OPTIONAL 1-PART THRESHOLD



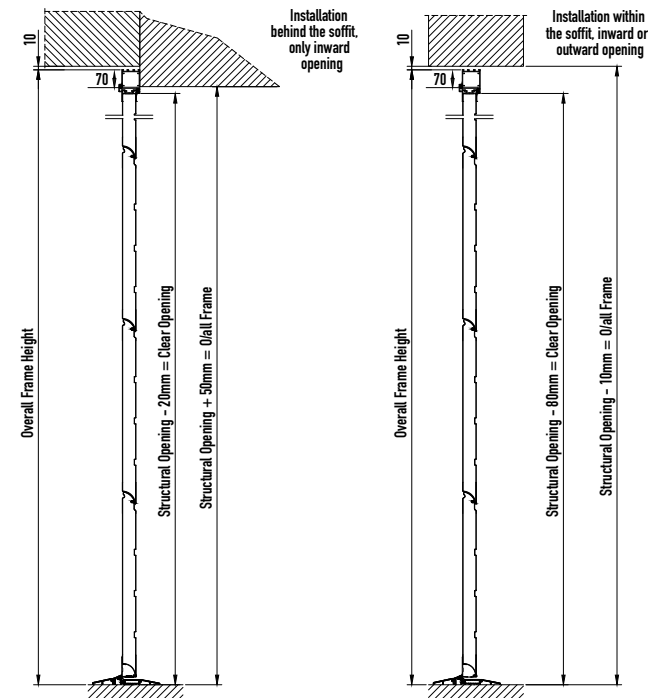
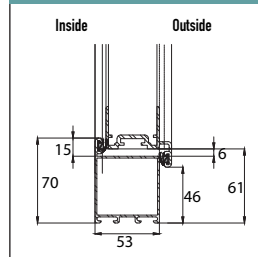
OPTIONAL ALUMINIUM STRIP THRESHOLD



OPTIONAL FOUR-SIDED FRAME 55MM THRESHOLD



OPTIONAL FOUR-SIDED FRAME 40MM FULL OVERLAP THRESHOLD



POLYMER WINDOWS

CARTECK INSULATED SIDE HINGED GARAGE DOORS GSW 40-L

WINDOWS - POLYMER DOUBLE GLAZING Polymer casement with polymer (Styrene Acrylonitrile) double glazed unit.

Standard Rib, Centre Rib & Solid



1 Rectangle Plain 1 Rectangle Cross Mullion 1 Rectangle Rhombus Rectangle 2



Rectangle 3 Vertical Square 1 Vertical Square 2 GSA Aluminium

Georgian



1 Rectangle Plain 1 Rectangle Cross Mullion



1 Rectangle Rhombus

Polymer Windows

To price for windows fitted vertically down the door; square type 1 & 2, match windows to number of sections ie 4 sections = 4 windows).

Selected Trend colours & wood design windows are finished in a complementary flat colour for Golden Oak (RAL8003), Rosewood (RAL8016), Night Oak (RAL8014), Winchester RAL (8001), Textured Anthracite (RAL7016), Ice Crystal Grey Aluminium (RAL9007) and TT9016 Bling White (RAL9016).

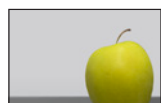
The surrounds on aluminium GSA window sections are finished in a smooth finish.

Window frame colour shade and surface lustre will show a variance from the panel finish as the base material and coating methods are different.

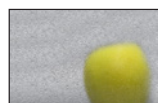
Style	Overall Size	Colour / Finish
Rectangle 1	610 X 270	White Trend/Trend+/Ral/Wood design
Rectangle 2	680 X 210	White Trend/Trend+/Ral/Wood design
Rectangle 3	980 X 140	White Trend/Trend+/Ral/Wood design
Square 1 & 2	270 x 270	White Trend/Trend+/Ral/Wood design
GSA Aluminium Window Section	per linear m	White/Trend/Trend+ Ral/Wood design

All polymer windows are available with these glazing options:

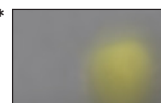
*The exterior pane is Frosted/Satin and the interior pane is Clear.



Clear



Frosted*

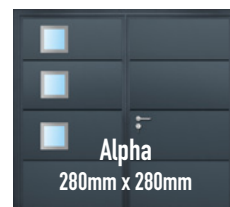


Satin*

ALUMINIUM WINDOWS & DECALS

CARTECK INSULATED SIDE HINGED GARAGE DOORS GSW 40-L

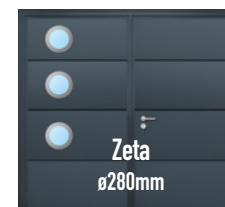
ALUMINIUM WINDOWS - POLYMER DOUBLE GLAZING Aluminium and polymer casement with polymer double glazed unit.



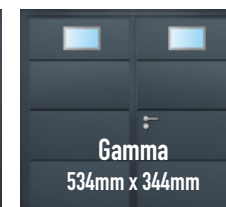
Alpha
280mm x 280mm



Sigma
610mm x 200mm



Zeta
ø280mm



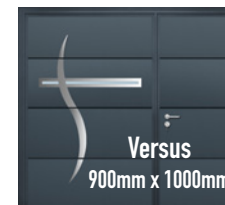
Gamma
534mm x 344mm



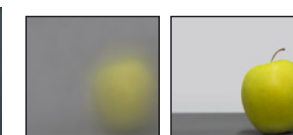
Kappa
1860mm x 180mm



Athena
406mm x 203mm



Versus
900mm x 1000mm

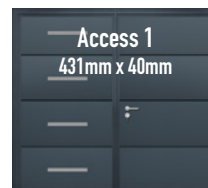


Satin

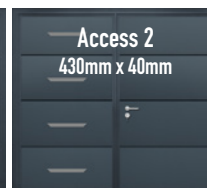
Clear

All aluminium windows are available with these glazing options (satin is supplied as standard).

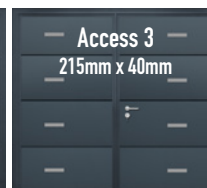
ALUNOX DECALS Factory bonded alunox decals. Decals can be positioned to requested positions, however, popular arrangements are shown here.



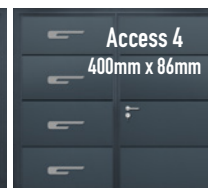
Access 1
431mm x 40mm



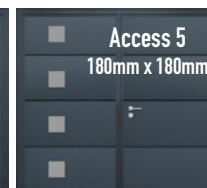
Access 2
430mm x 40mm



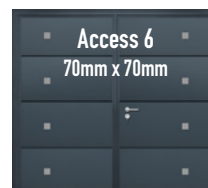
Access 3
215mm x 40mm



Access 4
400mm x 86mm



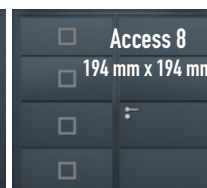
Access 5
180mm x 180mm



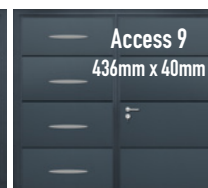
Access 6
70mm x 70mm



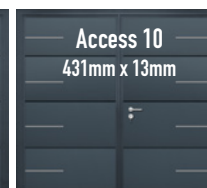
Access 7
150mm x 150mm



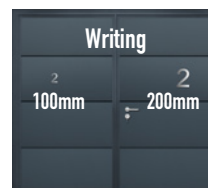
Access 8
194 mm x 194 mm



Access 9
436mm x 40mm



Access 10
431mm x 13mm



Writing
100mm x 200mm

EXTRA TOUCHES



PET FLAP



CODE LOCK



SPY HOLE



FINGER PULL



LETTER BOX

*Customer supplied

Bespoke hardware fitting on request.

Letter boxes and finger pulls are available finished in Satin Nickel as standard with an option for Gold, Rose Gold, Chrome, Black, White or Anthracite.

FITTERS TIPS SIDE HINGED DOORS

SIDE HINGED

Wind-out lugs to the side hinged frame for fast and easy frame setting

Position the frame in the opening, wind out the lugs with a 4mm allen key until the frame is true, level and square... ..and you're ready to fix.

No more fiddling with wedges or packers to get things set. Simple and fast frame setting! Up to 20mm of adjustment is possible on each side of the frame.



8 lugs per side

4mm allen key



Do not use an impact driver or power tools to extend the lugs. Use a manual allen key ONLY!



2 lugs at each of the four fixing points per side.



Lugs are accessed through the frame fixing hole.

316 Stainless steel handles for coastal/high salinity locations

Doors installed in coastal/high salinity environments must be fitted with a 316 Stainless Steel lever handle upgrade. Doors with standard stainless steel or black handles may experience corrosion of the handle and discolouration of the surrounding door finish. This will be excluded from warranty claims.



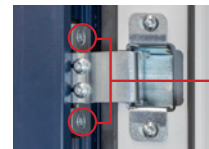
Concealed hinges

Doors are supplied with two or three concealed hinges per leaf, dependent on size. With no hinges at the edge of the frame, trimming up your opening is easy.

The concealed hinges are very easy to adjust, see for yourself:

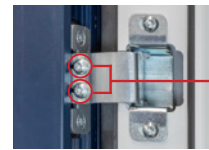


CONCEALED HINGE
ADJUSTMENT
VIDEO - SCAN ME!



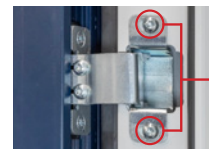
Vertical alignment

Use a T25 Torx to loosen these two screws to allow the leaf to move up and down in the frame profile, then tighten. All hinges will require adjustment.



Leaf-to-frame clearance

Use a T25 Torx to loosen these two screws, align using the slotted hole, then tighten. One or all may require adjustment.

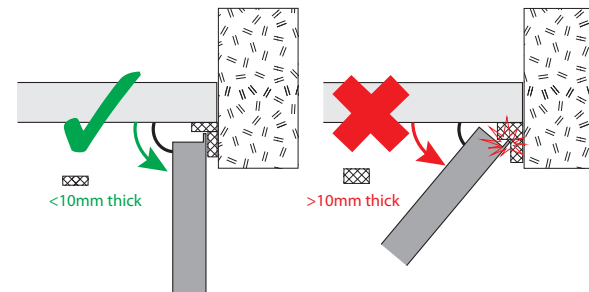


Gasket clamping force

Use a T25 Torx to loosen these two screws, align using the slotted hole, then tighten. One or all may require adjustment.

Trimming up

Concealed hinges make trimming up simple. If your trim overlaps onto the frame, ensure it is <10mm thick. Trim thicker than 10mm will foul the arc of the door leaf preventing full opening.



Fitting videos

Fitting your first door, need a refresher or just want to pick up a few tips - watch the full job or jump to a specific section, it's a great supplement to the paper fitting instructions.

Side Hinged Garage Door Fitting



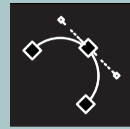
Teckentrup is a family business with operations throughout the world. In the UK Teckentrup is based in Warrington, Cheshire. Teckentrup products are available through a national network of independent Garage Door Specialist installers.

Teckentrup offers more than garage doors: We provide solutions and have set three quality standards for our garage doors:

Design. Security. Service.

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Design

We combine ease of use with aesthetics.

Good design uses innovative technology to make using a product intuitive and effortless. Teckentrup garage doors offer a wide range of design options that will transform the look of your home and the way you use your garage space.



Safety & Security

We combine security with safety.

Our products are designed to provide peace of mind with both physical security and the knowledge that durability and safe operation are inherent.



Service

We combine speed with reliability.

The Teckentrup team and our network of Garage Door Specialist installers love to make your new door a pleasure to own. From planning to installation. You'll always receive expert advice and the best service for installation, maintenance and aftercare.

Quality & Environment

Teckentrup operates to quality procedures audited to ISO 9001.

We care about the environment too - this is why our products are certified in accordance with the Environmental Product Declaration (EPD).

ISO 14001 Environmental Management

ISO 50001 Energy Management



DGNB

Deutsche Gesellschaft für Nachhaltiges Bauen e.V. German Sustainable Building Council

BNB

Bewertungssystem Nachhaltiges Bauen - Evaluation system for sustainable building

LEED

Leadership in Energy and Environmental Design

BREEAM

Building Research Establishment Environmental Assessment Methodology

