

## SECTION 1:

CARTECK SECTIONAL GARAGE DOORS

CARTECK SLX VISION SECTIONAL GARAGE DOORS

CARTECK GSA VISION SECTIONAL GARAGE DOORS

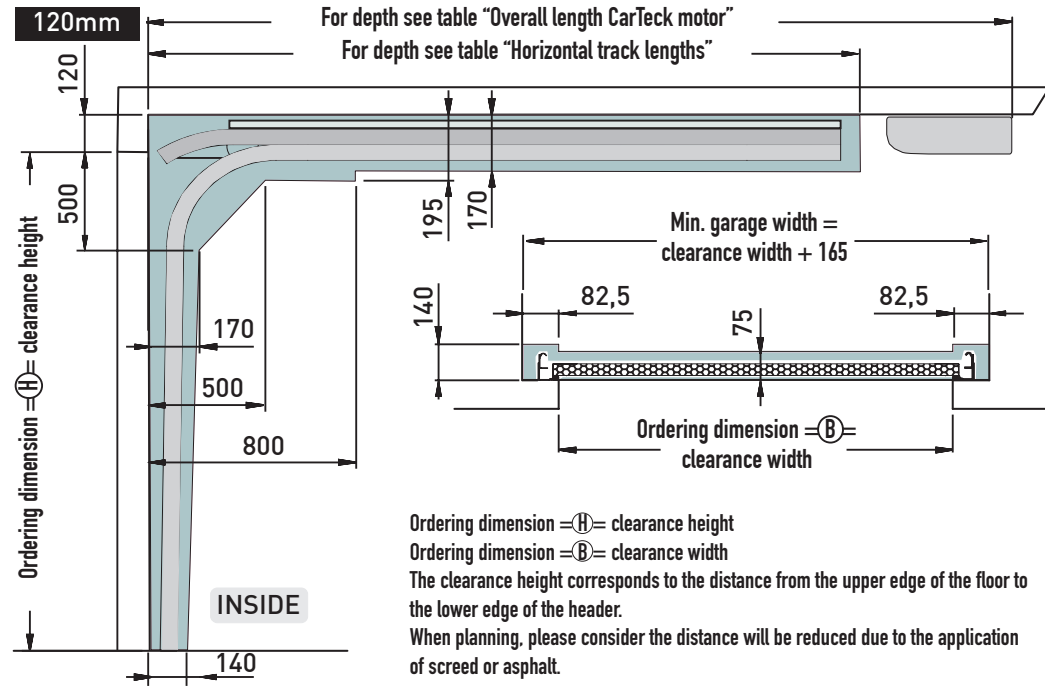
CARTECK SUPERSIZE SECTIONAL GARAGE DOORS



# 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.



## 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.

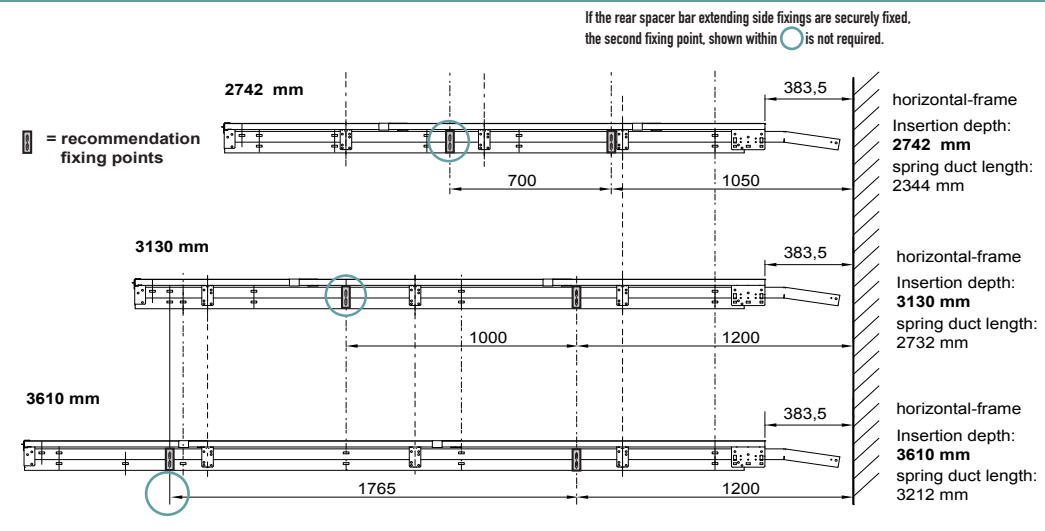
Twist fix frame leg brackets not required.

Twist fix frame leg brackets required.

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

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

## RECOMMENDED HORIZONTAL TRACK FIXING POINTS



## HORIZONTAL TRACK LENGTHS

Allow 115mm headroom. Use standard lifting gear. Allow 140mm headroom above trays only. Gear uses twin springing & commercial roller spindles

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	

3610mm

3130mm

2742mm

## 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 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.

### 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.

SLX Vision: Max door height 3000mm. Max door width 4000mm.

GSA Vision max door size as CarTeck Sectional.

#### 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.

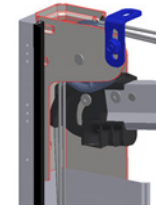
The door panel, frames and window frame colour shade, and surface lustre will show some slight variation, this is due to different base materials and coating methods.

## OPERATOR RAIL FOR CARTECK 260/70/80 & 360/370/380

Turning motor head through 90 degrees reduces overall length: 200 series -133mm 300 series -18mm

Height	Carteck 260 / 360		Carteck 270 / 370		Carteck 280 / 380										Height					
	2084	2134	2235	2286	2388	2438	2591	2743	3048	3353	3658	3962	4216	4267		4420	4572	4877	5182	5500
3000	<b>4296mm</b>																			3000
2875																				
2750																				
2625																				
2500	<b>3536mm</b>																			2500
2375																				
2250																				
2204																				
2175	<b>3286mm</b>																			2175
2125																				
2084																				
2050																				
2000	<b>3286mm</b>																			2000
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																				

## NO HOLES FRAME FIXING



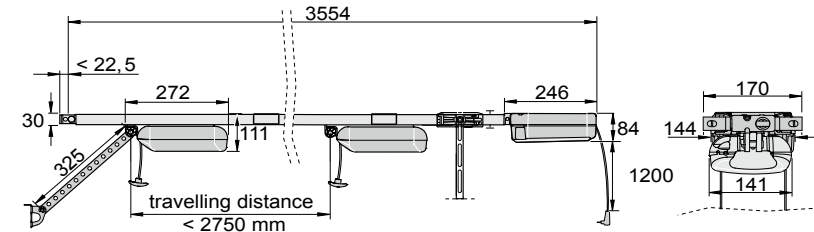
### IMPORTANT !

When fixing a no-holes frame between the reveal you must secure the frame to the lintel as shown using the 'L' bracket supplied. This is pre-fitted to all no-holes frame legs.

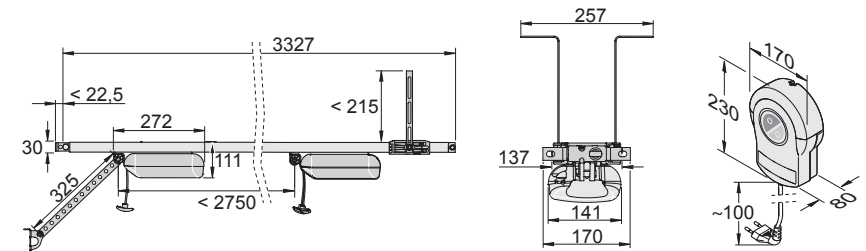
If a good fixing cannot be achieved, alternative fixing methods must be used to secure the frame.



## 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	<b>Drive 4650mm    Drive Pro 4423mm</b>																			3000
2875																				
2750																				
2625																				
2500	<b>Drive 3554mm    Drive Pro 3327mm</b>																			2500
2375																				
2250																				
2204																				
2175	<b>Drive 3554mm    Drive Pro 3327mm</b>																			2175
2125																				
2084																				
2050																				
2000	<b>Drive 3554mm    Drive Pro 3327mm</b>																			2000
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																				

## 3D PROFILE KITS

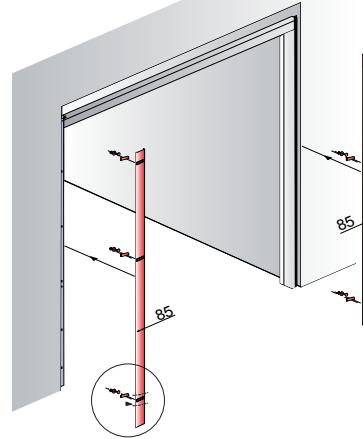
### The kits:

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 (Additional door header to width of door)
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)

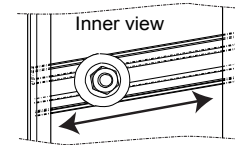
### IMPORTANT !

3D frame legs include two lintel fixing brackets that must be used to secure the top of the frame leg, preventing lateral movement.

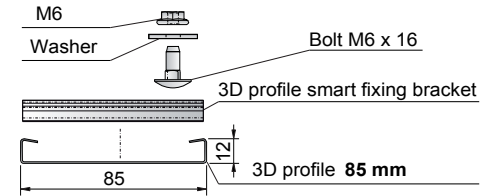


The 3D profiles have a smart fixing that allows for lateral movement – perfect for bridging small fitting gaps or tidying up the front face of the opening.

Shown here on the 85mm 3D profile.

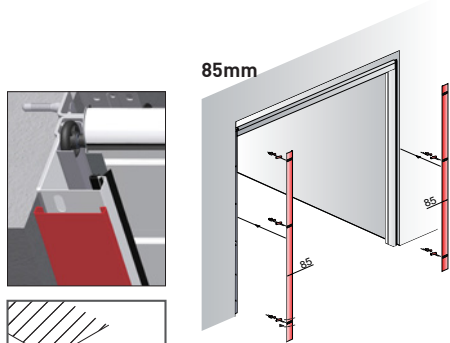


3D profile smart fixing bracket 85 mm



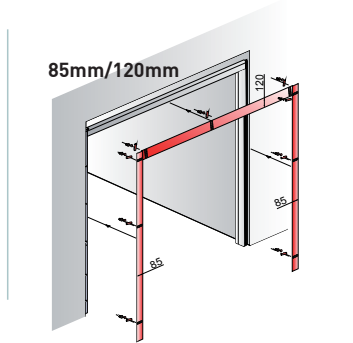
### 85mm frame leg 3D profile kit

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.



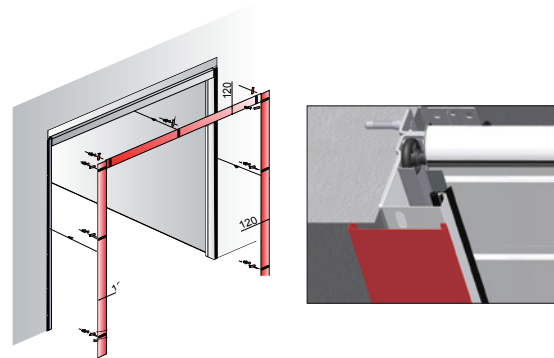
### 85mm/120mm 3D profile kit

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



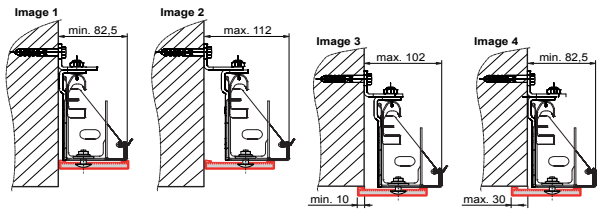
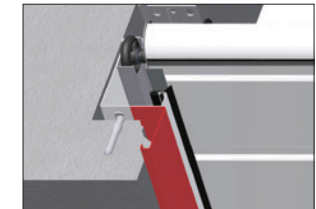
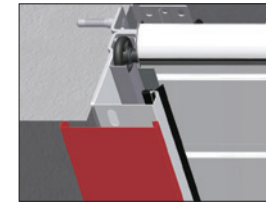
### 120mm 3D profile kit

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

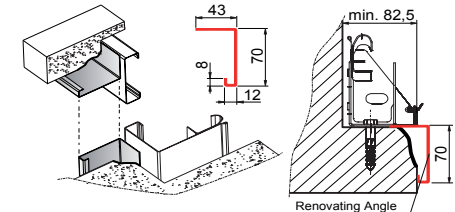
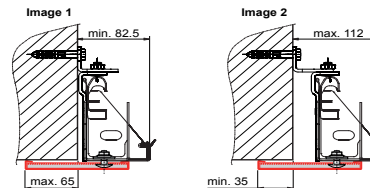


### 70mm angle 3D renovating profile

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.



**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.



**N.B.!** 3D profile kits must be used in conjunction with colour matched frames.

# POLYMER WINDOWS

CARTECK SECTIONAL GARAGE DOORS GSW 40-L

## WINDOWS - POLYMER DOUBLE GLAZING

Windows construction: Polymer casement with polymer (Styrene Acrylonitrile) double glazed unit.

### Georgian



Rectangle 1 Plain    Rectangle 1 Cross Mullion    Rectangle 1 Rhombus

### Standard Rib, Centre Rib & Solid



Rectangle 1 Plain    Rectangle 1 Cross Mullion    Rectangle 1 Rhombus    Rectangle 2    Rectangle 3    Vertical Square 1    Vertical Square 2    GSA Aluminium

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

All polymer windows are available with these glazing options:



Clear



Frosted



Satin

### Polymer Windows

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

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.

# ALUMINIUM WINDOWS & DECALS

CARTECK SECTIONAL GARAGE DOORS GSW 40-L

## ALUMINIUM WINDOWS - POLYMER DOUBLE GLAZING

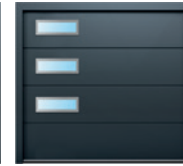
### Alpha

280mm x 280mm



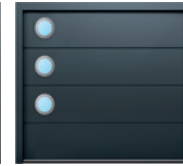
### Sigma

610mm x 200mm



### Zeta

ø280mm



### Gamma

534mm x 344mm



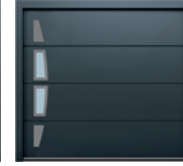
### Kappa

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



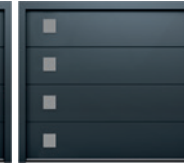
### Access 4

400mm x 86mm



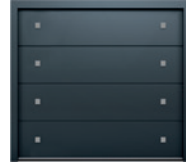
### Access 5

180mm x 180mm



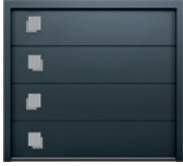
### Access 6

70mm x 70mm



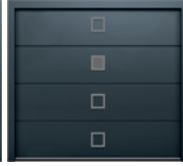
### Access 7

150mm x 150mm



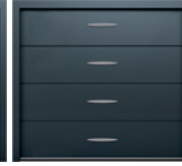
### Access 8

194 mm x 194 mm



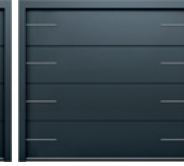
### Access 9

436mm x 40mm



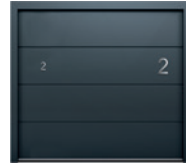
### Access 10

431mm x 13mm



### Writing

100mm    200mm



### Coach House Mock Hinges

277mm x 81mm



### Coach House Mock Handles & Centre joint

36mm x 178mm



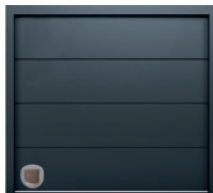
# EXTRA OPTIONS

CARTECK SECTIONAL GARAGE DOORS GSW 40-L

## EXTRA TOUCHES

### PET FLAP

\*Customer supplied



### SPY HOLE



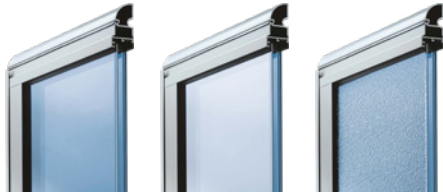
### LETTER BOX



# SLX VISION OPTIONS & CONFIGURATION

## VISION OPTIONS

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



Clear

Satin

Frosted



Green Tint  
70% transmission  
(approx)

Brown Tint  
50% transmission  
(approx)

Grey Tint  
43% transmission  
(approx)

## 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



Green Tint  
70% transmission  
(approx)



Brown Tint  
50% transmission  
(approx)



Grey Tint  
43% transmission  
(approx)

## 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

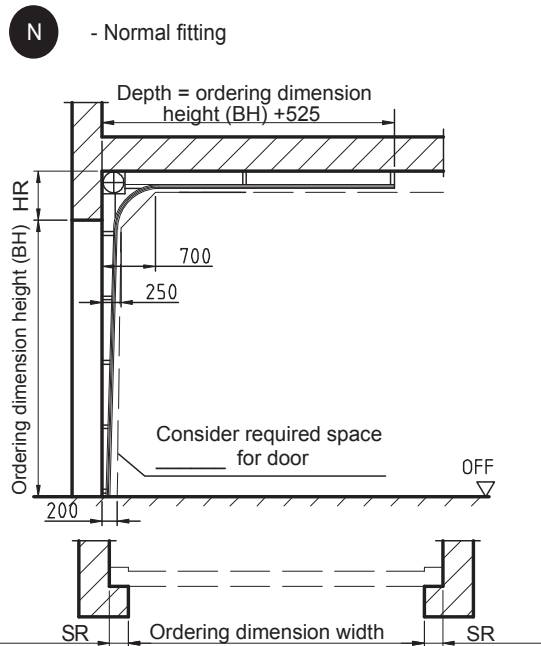
Doors up to 5500mm wide



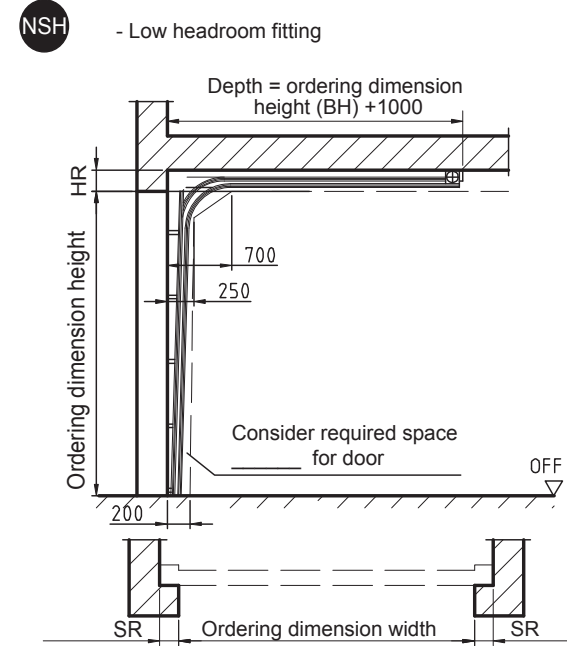
◀ 6 windows

# TECHNICAL CARTECK SUPER SIZE SECTIONAL GARAGE DOORS GSW 40-L

## DIMENSIONS AND CLEARANCES



SR= side room with rail motor = 110  
 SR= side room non-drive side with direct drive motor = 110  
 SR= side room drive side with direct drive motor = 210



SR= side room with rail motor = 120  
 SR= side room non-drive side with direct drive motor = 120  
 SR= side room drive side with direct drive motor = 210

## HR HEADROOM REQUIREMENT

Heights		Widths						
		6000	6500	7000	7500	8000		
<b>4</b> Sections	2250 7'4"	Rail Operator	Stand Headroom	400	450	-	-	-
		Direct Drive	Stand Headroom	400	450	450	450	450
			Low Headroom	280	280	-	-	-
			Low Headroom	250	250	250	250	250
<b>5</b> Sections	2750 9'0"	Direct Drive	Stand Headroom	400	450	450	450	450
			Low Headroom	250	250	250	250	250
<b>6</b> Sections	3000 9'9"	Direct Drive	Stand Headroom	400	450	450	450	450
			Low Headroom	250	250	250	250	250

Max Width For Low Headroom = 7750  
 280mm 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 250mm

## 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.

### AUTOMATION:

Electric 230V drive as standard, either direct or rail drive. Optical safety edge, hard wired to control system. Direct drive motor must have 16 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.

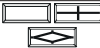






# POLYMER WINDOW OPTIONS

CARTECK SUPER SIZE SECTIONAL GARAGE DOORS GSW 40-L

## WINDOWS - POLYMER DOUBLE GLAZING

Windows construction: Polymer casement with polymer (Styrene Acrylonitrile) double glazed unit.

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

### Polymer Windows

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

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:



Clear



Frosted



Satin