

SECTIONAL OVERHEAD DOORS

CARRINGTON DOORS

HIGHER HILLGATE, STOCKPORT, SK1 3LR

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SECTIONAL OVERHEAD DOORS

Carrington Sectional Overhead Doors provide the perfect solution for warehouses and loading bays.

KEY FEATURES

600 mm deep composite panels with CFC free polyurethane infill – U Value 0.43W/M2 OC.

Counter balanced to ensure ease of operation.

Various track options to suit each application.

Available in plastisol or powder coated finishes.

Heavy Gauge pre galvanised steel guide track and fixing angles.

Heavy duty pre galvanised hinges, roller carriers and panel reinforcing channels.

Ball bearing guide rollers.

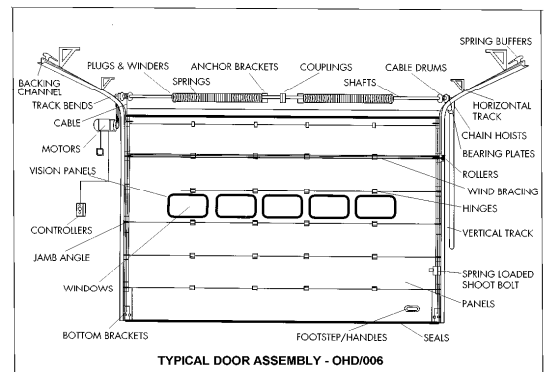
Tempered helical springs.

Steel cables and aluminium cable drums.

Rubber weather seals.

PVC lifting handle and lockable shootbolts on manual doors.

Manual push up / chain or electric operation.



STANDARD HEADROOM					
A	B	C	Max.W.	Max.H.	
Min.500	A-305	H+ 630	6500	5500	

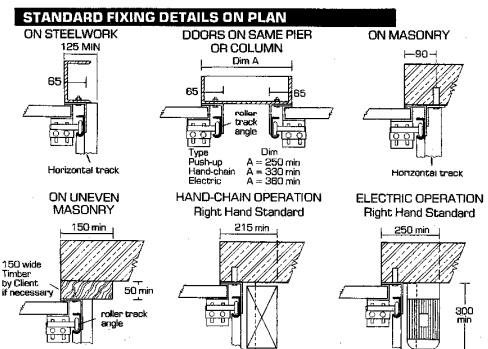
LOW HEADROOM					
A	B	C	Max.W.	Max.H.	
Min.230	H-700	6000	3650	3650	

HIGH LIFT					
A	B	C	Max.W.	Max.H.	
D+505	H+600	D	6500	5500	

VERTICAL LIFT					
A	B	C	Max.W.	Max.H.	
H+800	400	6500	5500		

TECHNICAL INFORMATION

- All openings should be constructed flush and free from projections that will interfere with the door fitting and operation.
- Unless requested, supporting steelwork or masonry is not in our contract.
- Dimension A may increase on doors larger than 32 sq mtr.
- Horizontal tracks on Door Types SH and H.L. can be made to follow the roof pitch.
- Floor finishes should be complete before fixing commences.
- Thresholds should be sloped away from the door opening to prevent water seepage.
- Electric motors and chain drives are positioned on the Right Hand Side unless specified.



We carry a large range of sectional door parts to enable us to offer an emergency repair service in the event of a door failure.





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The door panel provides the overall Insulated Sectional Overhead Door assembly with its main characteristics and therefore the following detailed information is provided to assist when the door performance needs to be explained.

COMPOSITION

The use of quality materials and precise manufacturing controls ensure long service life in normal industrial and commercial applications. All Insulated Door Panels conform to the Building Regulations requirements for Industrial Doors, and the durability of finishes are those specified by the steel suppliers technical specifications department.

Outer and Inner Sheet:

0.5mm hot dipped galvanised steel. Both inner and outer sheets are supplied "V" grooved to provide increased lateral strength, and the whole panel is made-up to form a "T+G" joint top and bottom. Reinforcing strips are fixed internally to ensure secure fixings for the roller carriers and hinges.

Core:

39mm thick rigid polyurethane foam, density 40kg/m³.

Seal:

Low density compressible foam at panel base, and PVC Tape to the panel nose, all factory applied.

THERMAL PERFORMANCE

Sectional door panels provide high levels of insulation. The foam core between the inner and outer steel sheets of the door panel creates effective interruption of cold bridges, thus preventing transmission of heat or cold.

COLOURS & FINISHES

Outer Skin:

The outer skin is finished and coloured to match most contemporary building cladding. Please see separate leaflet for range of finishes and colours.

Inner Skin:

The internal liner skin is finished in RAL 9010 white, polyester coated, stucco embossed galvanised steel as standard.

THERMAL BOW

It should be noted that when a door is due to be positioned where it is likely to receive direct sunlight then dark colours should be avoided due to the potential of thermal bow.

ACOUSTICS

The 40mm insulated door panel gives sound reduction of (Rw) 25db. Please note; this is for the panel only, and does not include joints, i.e. a fully installed door.

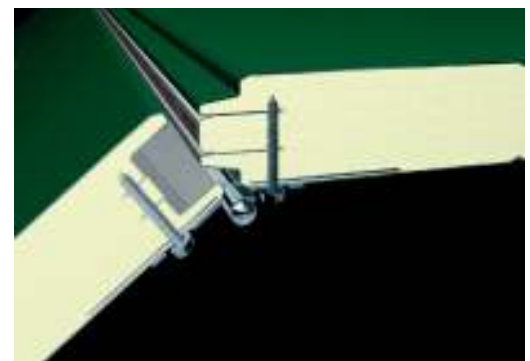
PANEL OPTIONS & ACCESSORIES

A range of windows in various sizes can be incorporated in the panel, the standard being 600 x 300mm with radiused corners. Each panel is fitted with pre punched galvanised steel end caps and the top and bottom panels are finished with an aluminium retainer which holds the top and bottom EPDM seals.

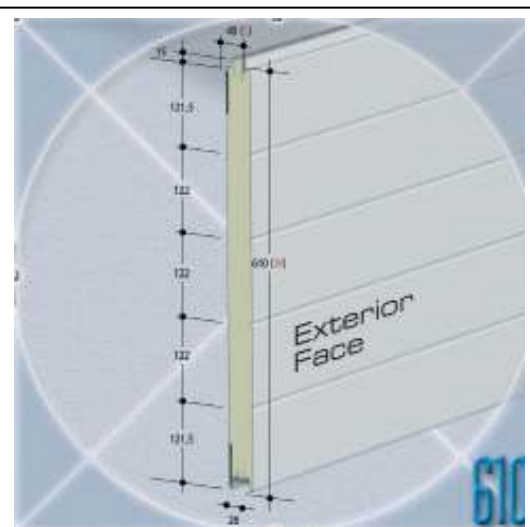
A range of locking options are available. Wicket doors are available 800 x 1800mm approx. 150mm above floor level, supplied complete with cylinder type locking.



Standard Panel Detail



Typical Panel Joint



Panel Dimension : 610 x 40
(500 x 40 Gentian Blue, Sepia Brown and Sunset Red)

Weight : 6.5kg/lin.m (5.2kg/lin.m)