

Technical Information For Apex elite @ 9.22m long (30’3”) x 3.78m wide (12’5”)

We can help you with any technical questions you may have regarding the installation of your concrete sectional building. Browse our technical section below to find the answer or ring us if you can’t find what you are looking for. 0800 849 9036.

CONCRETE PANEL SPECIFICATION

Standard Height Options

1.98m (6’6)

Standard Widths

0.3m (1)

0.45m (1’6)

0.6m (2)

Construction-

Steel reinforced, machine vibrated concrete panels with Derbyshire aggregate multi-spa chippings to exterior.

Weight

0.3m wide x 1.98m high panel approximately 40kg 0.6m wide x 1.98m high panel approximately 95kg

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Thickness

Panel footprint and rib approximately 75mm (3) thick Panel body approximately 40mm (1.5) thick

ROOF SHEETS

Steel roof sheets Galvanized steel ‘Ultra’ sheets offer fewer joins as an added security feature. Ideal for high risk areas such as council owned garage sites, schools, works, etc.

ROOF TRUSSES AND PURLINS

Trusses Welded 40mm x 40mm x 5mm angle iron mild steel trusses with red oxide primer protective coat fitted at 1.8m centres on apex buildings with red oxide primer protective coat. Purlins 75mm x 50mm softwood timber sourced from managed forests.

FASCIAS AND SKIRTS

PVCu Colour stable white PVCu cladding wrapped around timber in structural areas, and replacing timber components in non-structural areas of the building.

HEIGHTS

Apex Buildings (external-standard building height)
Eaves: 2.06m (6’9)
Ridge: 2.44m (8’0)
DOORS

Up & Over (standard building height)

Door height: 1.98m (6’6) x 2.7m wide (9’)

PERSONNEL DOORS

Cardale steel doors x 2

Door height: 1.87m (6’2) Door width: 0.76m (2’6) NOTE: Personnel door widths exclude frame, i.e. sizes quotes are opening sizes.

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DOOR SWINGS

Up & Over doors swing outwards approximately 1 metre before returning back towards the garage.

OVERHANGS

Apex roof buildings 100mm to each side (unguttered), 150mm-200mm to each side (guttered) - Gutters are to be fitted to both sides of the building and a door pipe for each side.

WINDOWS

Windows will be fitted to the side as shown and these are 1.2m wide x 0.76m high (4' x 2'6") and are UPVC double glazed opening windows in clear glass.

BASE SPECIFICATION

Garage base must be manufactured from concrete. It should be minimum thickness of 100mm (4), and ideally thicker around the perimeter of the slab to 150mm (6). Base should be approximately 150mm (6) wider and 150mm (6) longer than the desired garage size, and completely flat, level and square. Consideration should be taken for roof overhangs, guttering, and door swings (including the up & over door) when positioning the base. The concrete should be left to cure for a minimum of one week prior to the delivery of the building.

MORTAR FILLETS

A mortar fillet is required to seal the buildings panels at the base junction after installation. It should be applied to the INSIDE of the building only and be triangular in shape, spanning approximately 25mm (1) of the panels and base. The door weather strip should be secured to the base using screws & rahl-plugs, and the mortar fillet should be applied to both INSIDE and OUTSIDE of the weather strip. Installation MUST be carried out on a dry day to ensure adequate adhesion. A stronger bond will be achieved if Unibond adhesive or similar is incorporated in the mixing water at the rate of 1 part Unibond to 5 parts water.

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OLD GARAGE REMOVAL

Old garage removal is best carried out by a specialist firm from your local area. Search for ‘waste removal’ or ‘rubbish removals’ in the classified section of your local freesheet newspaper. Be aware, most skip companies are not allowed by law to carry asbestos and you must make other provisions for removal of this type of waste material. Contact us for more information.

ACCESS TO SITE

Our lorry needs to gain access within 30 metres of your proposed garage base site. The panels and other component parts of your building are extremely heavy, and require us (by health & safety at work regulations) to push the component parts to the base site from the lorry with the aid of our 900mm (3) wide hand operated trolley. There should be no obstructions between the lorry and the base, including steps, gate openings less than 900mm, steep inclines, soft ground, or rough terrain. If there are any issues with access, it is still possible to deliver & erect your building, but you must inform the office at point of order or before as to the issues concerned.

NOTE

We reserve the right to modify or change specifications or materials without notice due to improvements or shortages. All sizes are approximate. If you need exact specifications or measurements please contact our office. No responsibility is accepted for errors or omissions herein.

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