

# Product specification

## Concrete

Steel reinforced vibrated concrete panels.

Panels are connected using 8mm galvanised steel bolts, galvanised steel washers and nuts. Joints are mastic sealed.

## Steel

Mild steel roof trusses and portal frames are manufactured and welded on site at Fenny Compton, and are primed with a water based primer before leaving the factory.

They can be painted with Hammerite or similar on site, if required. Roof trusses are securely connected to the concrete wall panels using 8mm galvanised steel bolts, washers and nuts.

## Roofing

**Flat** Galvanised steel, 75mm (3") corrugation continuous length sheet – no joints to leak and with a roof sloping from front to rear. All roof sheets are treated with anti condensation treatment to minimise any condensation problems. Sheets are fixed to timber or steel rafters (dependant on width) with either roofing nails or galvanised bolts and clips, using black washers and caps externally for weatherproofing.

**Apex** Fibre cement sheets, 127mm (5") corrugation, 6mm (¼") thick, fastened with 6mm galvanised steel bolts and clips onto black primed steel roof trusses and purlins, with black washers and caps externally for weatherproofing. Fibre cement close fitting ridge capping is supplied as standard for better weather proofing and less condensation problems. Also available in a choice of four extra colours: brown, green, terracotta and grey.

**Banbury** Granular steel roof tiles available in a choice of six colours, fixed to a traditional roof structure with preservative treated timber battens attached to factory primed roof trusses over a layer of roof felt. The tiles are manufactured from Aluzinc coated steel in a granulated design to give a natural stone appearance. Choose from bronze, terracotta, green, charcoal, red or brindle colours. Timber purlins are bolted to the steel roof trusses, and steel wind braces are built in to give the stability expected from our top of the range building.

**Optional Roofs** Granular steel roof tiles (Apex). Supplied on a traditional roof structure, with preservative treated timber battens fixed to factory primed roof trusses, over a layer of roof felt, the steel roof tiles give a completely different appearance to your building. With a choice of bronze, terracotta, green, charcoal, red or brindle, you can compliment most existing roof colours.

Plastisol steel roof sheets (Flat & Apex). As a security option, and with a maintenance free finish. Plastisol roofing is fixed with secure self coloured fixings, making it difficult to remove without a specialised tool. All steel roof sheets are 0.7mm thick and are factory treated with anti-condensation treatment to minimise condensation.

## Timber

All timber supplied is preservative treated in the factory. Preservative is applied after manufacture by totally immersing the components, ensuring maximum protection. We advise that all exposed timber should be re-treated periodically with a suitable timber preservative, and in accordance with the preservative manufacturers recommendations. (See your copy of our Care & Maintenance Instructions.)

## Doors

We offer a four point locking system with 10,000 different key combinations as a security option for all up and over doors.

All standard up and over and personnel access doors are galvanised steel, with polyester powder coated primed finish, supplied to take the undercoat and top coat colour of your choice. Galvanised steel sidehung doors are unprimed.

**Plastisol** For those who want a maintenance free option, all Galvanised steel Plastisol coated doors have a 10 year anti corrosion warranty.

**Personnel access doors** Steel doors – see above under Doors and Plastisol for finish information. All galvanised steel personnel access doors are supplied with a three point locking system for increased security with 10,000 different key combinations. The PVCu half glazed door is multi locking at five points. As standard, they are supplied right hand hinged, opening out and with two keys, but can be supplied with hinge on left hand side and opening in if specified.

Manufactured at Fenny Compton, Cedar personnel access doors are of traditional construction, framed ledged and braced and supplied with a 3 lever mortice lock and two keys. They can be supplied opening in or out, and either left or right hand hinged.

## Windows

**Timber** All timber windows are single glazed and factory treated with preservative. See comments under Timber. All opening timber windows are top hung casements, with brown casement stays and storm proof hinges.

**PVCu** All PVCu windows are double glazed with 28mm thick sealed units. Standard units have 4mm float

glass, with a 20mm air gap. The optional laminated glass outer pane is 6mm, so the air gap is 18mm. All opening windows are designed to SBD (secured by design) standards. Sealed units guaranteed for 5 years, frames for 10 years.

### Fascias

Plastisol coated maintenance free galvanised steel fascias are available to take the place of the timber fascias on the Flat Spar range Cedar clad fascias are available as an option to take the place of the standard timber on the Apex range PVCu clad fascias in a choice of white, golden oak or rosewood are available as a maintenance free alternative to the standard timber fascias on the Apex and Banbury range.

### Brick Front Posts

Available on the Spar range only. Brick front posts enhance the appearance of the front of your garage. 2 posts on a one door building, 3 posts on a 2 door building. Brick effect posts have recess effect mortar line except on Apex Spar 2.438 (8'0"), Flat Spar 2.438 (8'0") and 2.743 (9'0") and all Apex Spar High and Flar Spar High garages where no recess is provided. Real brick posts (available in four brick colours) have no external fixings visible and are secured to concrete using traditional methods, including hand pointed mortar lines. Contact Customer Services or your local agent for availability details.

### Guttering

PVCu, 112mm half round Highflo with 68mm diameter pipe and shoe. The downpipe will be positioned at the rear of the building unless you tell us otherwise, and the pipe will discharge onto the base. Any other arrangement to take away rain water (i.e. into a gully) is by others.

### Timber Weather Bar

A profiled timber section, bedded on mastic and securely screwed to the base. It will help prevent water and leaves etc. being blown under the door.

### Storage

**Shelf Brackets** Fabricated from mild steel angle, welded and factory primed, these brackets attach using the existing panel fixings. They provide brackets for shelving. Supplied in packs of six.

**Shelf Pack** As shelf brackets, but supplied with three shelves 1.829 (6'0") long by 0.171 (6¾") wide, 0.019 (¾") thick and fixings.

**Shelf Stack** Six shelves 0.171 (6¾") wide and 0.109 (¾") thick, supplied in 0.610 (2'0"), 1.219 (4'0") and 1.829 (6'0"), with brackets welded on mild steel angle uprights bolted to the wall.

**Garage Grid System** Each system contains two 1.83m (6'0") x 0.61m (2'0") reinforced steel grids, three large baskets, two heavy duty dual hooks, four 304mm (1'0") brackets and six utility hooks.

### Lining Clips

Pack of 12 galvanised steel lining clips with screws and washers used to fit timber battens to the wall.

### Eaves Filler

Polyethylene foam filler blocks, contoured to the roof sheet profile to prevent draughts and dust etc. Adhesive strips ensure that the filler remains in position after fitting.

### Sand and Cement Fillet

Supplied on every building, the sand and cement fillet is laid internally on perimeter walls, and helps to prevent water leaking under the concrete panels. Exposed positions, or surrounding ground level higher than the base may well mean the fillet eventually leaks.

## Condensation

About 20 gallons of water (about 2 bath-fulls!) are used to make the average building, and even more water goes into the concrete in your base. It can take 2/3 months to dry, especially in winter. This is exactly the same as a new house. Your building needs to be well ventilated, at least initially, to ensure that it dries out properly. If the drying process is not complete, you may have a condensation problem. A by-product of inadequate ventilation is mould growth on the inside of the roof sheets, another reason to make sure your building is dry and continues to be well ventilated. Some areas of the country are still prone to condensation, even with high levels of ventilation and reasonable drying time.

If you are going to line your building, please pay particular attention to the drying process before starting. To accelerate the drying process, use "dry" heat, electric heater for example. Do not use gas heaters, as they generate moisture as they burn. De humidifiers can help, but the main answer is to allow sufficient time for the drying process.



### ISO 9001:2000

The quality administration systems of Compton Buildings have been assessed and approved by Quay Audit Ltd to the quality management systems, standards and guidelines of BS EN ISO 9001:2000, certificate number 4011751.

The approved quality administration systems apply to the manufacture, supply and erection of concrete garage buildings.

By meeting the requirements of ISO 9001:2000, Compton establish consistency in processes and operations to provide stability, improved products and service, customer satisfaction and reduced waste. Achieving ISO 9001:2000 illustrates Compton's commitment to quality supply.