

Steel Cabins (Secure/Anti-Vandal)



- Secure steel construction
- Almost infinite customisation
- Vandal-resistant design
- 20+ year life expectancy

Our steel cabins are a range of bespoke built anti-vandal cabins manufactured from mild British steel to any size and specification. Perfect for use as office space, canteens, toilet blocks, drying rooms, sales & marketing suites, welfare units and many other applications.

A mild steel framed construction with profiled or flat-sided steel panels, our steel cabins are a robust, secure and long-lasting solution to meet all your portable building requirements, with the added flexibility of almost infinite customisation options.



Flat-sided external finish



Thermowood timber external cladding



Standard internal finish

Steel Cabins - Technical Specifications

Design

Our steel cabins are a range of secure anti-vandal units, factory-built and delivered to site fully finished, ready for immediate occupation.

Each are designed and manufactured to a high standard and can be linked or double-stacked to suit individual site or client requirements.

Structurally designed with reference to the following standards:

- BS449 Part 2 Structural Use of Steelwork in Building
- BS5268 Part 2 Structural Use of Timber
- CP3 Chap V Part 2 Wind Loads
- BS6399 Part 1 1984 Design Loads for Buildings

Manufactured under strict factory conditions and welded in accordance with BS 5135 : 1984 Process of arc welding of carbon and carbon manganese steels.

External Walls

The external steel walls are manufactured from HR4 1.6mm mild steel panels with a flat or profiled finish. Painted with a one coat anti-corrosive high build mid gloss paint finish, to the client's choice of colour, which achieves a class '0' spread of flame.

Internal Walls

12.5mm vinyl-faced plasterboard (white), jointed by means of 2 part PVC 'H' section trims, fixed to 45x35mm timber studs, giving a class '0' spread of flame rating to BS1230. 60mm glass fibre insulation will be fitted within the wall cavity. (Alternative linings and insulation are optional).

Roof

Roof constructed 1.6mm HR4 mild steel panels supported by 75mm x 50mm x 3mm roof spars with a perimeter 'J' section gutter of 3mm mild steel with paint finish. Softwood ceiling joists infilled with 60mm glass fibre insulation, underdrawn with vinyl faced plasterboard (white) and jointed by means of PVC 'H' section trims. Vinyl-faced plasterboard provides a class 0 spread of flame rating to BS1230.

Corner lift/locate points to roof / slotted base plates to floor.
Optional jacklegs can be supplied if required.

Floors

15mm exterior grade plywood decking screwed to 100 x 50 x 3mm RHS Floor Joists (BS EN 10025 : S275), corner base floor plates slotted. Finished with a 2mm Vinyl Polyfloor XL (Graphite) with fully welded seams.

Windows

914 x 914mm aluminium framed single-glazed sliding windows (with 4mm clear glazing) and fitted into Kirncroft steel window shutters.

600 x 300mm high-level windows fully opening aluminium framed, single-glazed 4mm obscure, fitted externally with box type mesh guards.

*Alternative sizes, double-glazed UPVC and other window types are available as optional upgrades.

Doors

Kirncroft multi-point locking insulated steel door and frame 910 x 2065mm. Other Kirncroft sizes and types available as optional upgrades.

*Fabricated double doors fitted to Storage Containers, which are fitted with 2no. 5 lever deadlocks (keyed alike).

Electrical Installation

- Power is provided via 13 amp twin switched socket outlets.
- Lighting is provided via fluorescent fittings with moisture resistant fittings in wet areas.
- Heating is provided via 2kw wall mounted convector heaters thermostatically and individually controlled from fused spurs.
- The whole installation is fitted with RCD & MCB protection from the Mains Distribution Board which is fitted at high level adjacent to the door and fully complies with the current IEE Regulations.

Variations from this 'Standard' specification for specific units will be noted in our quotations for same.

Due to the company's policy for continuous improvement to its product range, we reserve the right to change and/or alter specifications without prior notice. Clients will of course be notified accordingly.

Revised - 01.05.18

Steel Cabins - Cut Section Drawing

