



Steel AV Range

Secure Steel Anti-Vandal Cabins



Design:

The Steel AV Range of Secure Steel Anti-Vandal units are fully finished buildings that are factory built and delivered to site providing a completed building 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's requirements.

Structure 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 walls are manufactured from either 1.6mm HR4 2 corry profiled mild steel or 1.6mm HR4 pressed flat panels 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. The internal lining will be vinyl faced plasterboard, jointed by means of a 2 part PVC 'H' section trims, fixed to softwood framing, giving a class '0' spread of flame rating to BS1230. 60mm insulation quilt will be fitted within the wall cavity. Alternative linings can be supplied.

Floors:

A floor deck of 15mm exterior grade plywood decking screwed to 75 x 40 x 3mm cold formed steel joists (BS EN 10025 : S275), corner base floor plates slotted. Finished with a 2mm Vinyl Polyfloor XL – Mushroom (9110) with fully welded seams.

Roof:

Roof constructed of corry x 3 1.6mm HR4 mild steel panels supported by 75mm 50mm x 3 roof spars with a perimeter 'J' section gutter of 3mm mild steel with paint finish. Softwood ceiling joists under-drawn with White Dolomite vinyl faced plasterboard, jointed by means of PVC 'H' section trims, and with class 0 spread of flames. 50mm insulation quilt laid between joists, roof space to be ventilated. Roof has lift/locate plate to each corner.

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

Windows:

914 x 914mm double sliding aluminium framed with mill finish. Single glazed 4mm clear float and fitted externally with side hung steel shutter internally operated with locking mechanism and hold open catches (Kirncroft shutter). High level windows are 600 x 300mm fully opening aluminium framed, single glazed 4mm obscure, fitted externally with box type weld-mesh guards. Double glazed & UPVC windows are available as alternatives.

Doors:

External double skin steel entrance door 838 x 1981mm hung in steel frame on lift off steel hinges and fitted with 2No. 5 lever deadlock and roller catch and robust plastic handle. Kirncroft multi-locking steel doors are offered as an optional extra. Smaller doors may be fitted dependant on unit layout.

Electrical Installation:

Power is provided via 13 amp twin switched socket outlets. Lighting is provided via fluorescent fittings with moisture resistant 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.

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