



Portal Frame Buildings

Purpose-designed and built to meet client's requirements and complying with all relevant Building Regulations. The fully galvanised, all steel cold-rolled frame is designed to BS5950 and has a pinned base with low foundation loadings, minimising foundation and groundwork costs.



Portal Framed Buildings

Steel portal frame buildings detailed and manufactured individual requirements and in accordance with British Industrial building design standards, BS 5950, BS 6399 and to take account of local environmental factors for Building Regulations compliance.

Spans of up to 21m can be achieved through the use of high quality fully galvanised 'low maintenance' lightweight steel sections bolted together to form strong portal frames. Double or triple spans can be utilised to create larger areas.

The use of galvanised sections provides a durable and long lasting building whilst, the lightweight nature of this type of steel frame can lead to savings in foundation costs (especially on ground requiring piling).

Steel portal framed buildings are normally clad in plastic coated box profile steel sheeting, which is available in a wide range of standard colours. Optional anti-condensation sheeting or insulation (to L2A where required) is also available, and where applicable certified fire rated walls can also be incorporated.

SERVICE

- Prompt and efficient personal nationwide service
- Erection and cladding on site by factory trained fully insured operatives
- Inclusive of perimeter roof scaffolding and safety nets
- Fully detailed quote and specification
- Examples of completed building available throughout the UK

BUILDING PRICE

In order to prepare a quotation for we require the following specific details:

- Dimensions - length, width and eaves height
- Building Use
- Level of insulation (if any)
- If you require any brickwork
- Size, position and number of roller shutters / personnel doors / windows etc.
- Site Location - Town or Post Code



All of our lightweight steel frame buildings are buildings are designed and built to high technical and safety standards using fully engineered galvanised steel sections and Plastisol coated box profile cladding. As we are not tied to any single supplier we are able to source the most appropriate building for your individual requirements.

FEATURES & BENEFITS

- Fully galvanised steel portal frame (low maintenance)
- Designed and manufactured in the UK for use in the UK
- Compliant with British Industrial building design standards BS5950 & BS6399
- Full structural calculations included in cost
- Low foundation loadings (can reduce cost of foundations)
- Double stanchions and rafters (not single sections which are liable to flex)
- Substantial fully engineered eaves haunch and ridge plates
- All frame components including cladding rails and purlins fixed with high tensile steel nuts and bolts (not self-drilling screws)
- Integral wind bracing from steel channel sections (not just flimsy strips)
- Full baseplates, fixed with substantial expanding concrete anchors.
- Plastisol coated galvanised box profile cladding and roofing sheets, single skin or insulated composite panels, fixed in accordance with manufacturers instructions
- Compliant with L2A energy conservation regulations where required
- Rooflights compliant with safety requirements are included
- Foam fillers to eaves and ridge
- Bottom edge weather drip around base perimeter
- Secure steel personnel doors
- Industrial quality roller shutter doors
- Plastisol coated galvanised steel box gutters and downpipes
- Windows, mezzanine floors etc. can also be fitted as required.

We can also provide relocatable, pre-clad modular steel buildings, and a range of low-cost portal frame buildings in kit form - please contact us for details of these buildings.



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