

P Series Specification

Floor

- Galvanised and riveted floor frame
- Cold rolled steel 'C' sections are pre-hot dipped galvanised steel Z35, grade Fe E350G coated G275 to B.S EN 10147:1992
- Floor Joist at 400mm centres
- The floor is designed to withstand a 2.5kN/m² and a live load of 0.6kN/m² for access during repair work

Roof

- Timber framed with 95 x 35mm cambered rafters, with drip louvre to ends
- Roof panel is designed to support its own weight, a snow load of 0.75 kN/m² and a live load of 0.6 kN/m² for access during repair work
- 12.7mm vinyl faced plasterboard finished in white plaster
- The roof void is filled with 80mm mineral wool insulation
- Decking is 15mm OSB secured to timber supports and over clad with a reinforced roofing membrane

External Walls

- Composite panel construction
- 45mm high-density structural foam insulation
- Internal lining is 12.7mm vinyl wrapped plasterboard bonded to the timber framing and insulation finished in cream plaster
- External cladding is 0.7mm coated steel
- Internal ceiling height 2,300mm

Jacklegs

- Each unit has four adjustable legs, fitted with siting/stacking plates, and lifting points

Windows

- 960 x 825mm with top opening vent

External Doors

- Door leaf: 40mm polystyrene core bonded either side to Plastisol coated steel
- 805mm clear opening, at 90 degrees
- Fixed to frame by 3 number stainless steel butt hinges, complete with security dog bolt
- Lock is a Europrofile with Kaba cylinder, furniture face fixed durable aluminium type

Structural Design

- P Series buildings are designed in accordance with the British Standards and Codes of Practices
- BS6767 Parts 1 and 2 (Recommendations for design and construction of transportable accommodation units)
- Cold rolled steel 'C' sections designed to BS 5950 Part 5: 1998 (Code of practice for design of cold formed thin gauged sections)

Fire Performance

- Walls externally and internally class O spread of flame
- Internal walls have a half hour fire resistance

External Finish

- | | |
|---------------------|------------------------|
| • External Walls | Goosewing grey 10-A-05 |
| • External Jacklegs | Ocean blue 18-C-39 |
| • External Fascias | Ocean blue 18-C-39 |
| • External Doors | Ocean blue 18-C-39 |

Internal Finish

- | | |
|------------------|---------------------|
| • Internal Walls | Vinyl Cream plaster |
| • Ceiling | Vinyl White plaster |
| • Skirting | White two part PVC |

Note: The General Specification is based on Standards available within the range. Other variations are possible subject to discussion. Due to improvement in design and alterations in materials, we reserve the right to alter the specifications at any time without notice. Illustrations are not binding in detail.



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