

Features of Armstrong Packaged Plant Rooms

- Manufactured in accordance with The Pressure Equipment Regulations 1999.
 - Technical documentation available.
 - Armstrong Integrated Systems nameplate.
 - Operating and maintenance instructions.
 - Category 1 classification available as required.
- Mild steel galvanised base frame to BS EN 1461.
 - Life performance in excess of 25 years.
- Insulated Floor
 - prevents condensation forming thus protecting the floor plates against corrosion.
- LPCB 45mm thick composite insulated building panels giving a thermal transmittance value of 0.43 W/m²K.
 - Aesthetically pleasant external and internal appearance.
 - Life performance in excess of 25 years.
 - Minimal maintenance.
 - Available in a choice of 28 colours.
 - Class 1 surface spread of flame to BS476: Part 7: 1987
 - Class O, as defined by Building Regulations.
 - HCFC free urethane foam core shall having an Ozone Depletion Potential (ODP) of zero
- Non slip rubber matting.
 - Protection of the pre painted steel plated floor.
 - Fully removable to aid cleaning.
 - Minimal maintenance.
- Ridge Ventilation.
 - Aids the provision of high level ventilation in accordance with BS6644:1991
- Fall arrest system bracketry.
 - minimizes risk to health and safety should roof access be required.
- Steel louvred doors available as a single or double complete with high security locks.
 - Aids the provision of low level ventilation in accordance with BS6644:1991
 - Locks provided to suit clients requirements.
 - Powder coated to suit plant room.
 - No distorted doors or frames as moisture is not absorbed.



- Rainwater pipework.
 - Environmentally colour matched to suit plant room – available on request.
 - Termination points to suit site requirements.
- Available in 28 standard colours, colour matched wall, roof panels, louvred doors and rainwater pipework (available upon request) – Kingspan XL200 and Kingspan External Coating Systems.
 - A choice to suit every environmental application.
 - Colour coded flues available to suit external finish.
 - Expected performance life of wall and roof panels shall be 25 years in normal environments.

Benefits of Off-Site Manufacture

The Armstrong commitment to pre-assembly and off-site manufacture brings many benefits to the construction process.

Improved speed of construction

- Work commences off-site ahead of the construction programme and is unaffected by weather and other trades.

Improved quality

- Work in a clean factory environment results in a better finished product; after all, would you buy a car that had been assembled in a field?

Reduced costs

- Typically 20% savings over traditional methods including reduction of preliminaries, reduced requirements for site storage and welfare facilities.

Reduced environmental impact

- Fewer deliveries, less waste and less labour on site.

Improved health and safety

- High risk site work transferred to a safe factory environment.

Improved co-ordination

- Mechanical and electrical work proceeds in parallel eliminating clashes and re-work.

Trouble-free commissioning

- Systems are pre-snagged and pre-commissioned in the works to ensure zero defects.



Improved security

- Less personnel reduces the risk of disruption on sensitive sites.

Labour saving

- Off-site construction dramatically reduces the number of site personnel.

Off-site construction and pre-assembly of building services increases predictability and reduces or eliminates many of the risks inherent in traditional construction methodologies.

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