



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.