

Off-site Construction

Architecture

What moving work into a factory buys, and what it takes away.

Gains

- Faster on site, less weather risk
- Factory quality control and tolerances
- Less waste and fewer site deliveries
- Safer work at ground level
- Repetition pays back quickly

Costs

- Design must be frozen much earlier
- Repetition is required to pay back
- Transport limits panel and module size
- Craneage and access govern the site
- Late changes become very expensive

THE DIFFERENCE THAT MATTERS

Prefabrication trades flexibility for certainty. It suits repetitive briefs and punishes indecision.

Design for manufacture and assembly means designing the junctions and the sequence, not only the finished object.