



POSI™-STRUT SOLUTIONS



METAL WEB JOIST AND RAFTER SYSTEMS

WHY POSI™-STRUT SOLUTIONS ARE RIGHT FOR YOUR NEXT PROJECT

Are you a housebuilder or multifamily developer seeking a solution to reduce labour costs and overall time on site?

With Posi-Strut Solutions you can increase performance with clear span flexibility, building design freedom, and easy access for plumbing and electrical installations. Take a look at the Posi-Strut Solutions brochure and see why it's right for your next project.

WHY POSI™-JOIST

STRENGTH

Posi-Joist combines the lightness of timber with the strength of the Posi-Strut steel web, allowing you to span far greater distances than would be possible with alternative timber products.

This gives you unequalled design freedom across a wide range of applications for both floors and roofs in domestic, industrial and commercial applications. Posi-Joist allows a variety of internal room layouts within an external shell due to its clear spanning capabilities.

SIMPLICITY

Posi-Joist gives you easy access inside the floor zone for faster installation and maintenance. With increasing need for Mechanical Ventilation and Heat Recovery (MVHR) systems, Posi-Joist, gives you an elegant solution.



Web Type	Clearance between flanges	Standard Depth
PS8	108mm	202mm
PS9	131mm	225mm
PS10	159mm	253mm
PS12	210mm	304mm
PS14	279mm	373mm
PS16	327mm	421mm

The open-web design allows for services and utilities to be easily routed through the joists with no need for cutting or drilling

KEY BENEFITS

- Longer spans allow design freedom
- Open-web design creates a service void for ease of access
- Lightweight construction means joists are easy to handle
- Factory manufactured ensures a quality product, delivered made to measure
- Engineered with MiTek PAMIR software
- Wide fixing surface makes fixing of floor deck and ceilings simple and minimises shrinkage
- Acoustic performance exceptional sound performance to comply with UK & Irish regulations
- Fire performance fully compliant with BS and EN fire standards
- A wide range of end details provide flexibility and can eliminate the need for expensive hangers and metalwork



Efficiency

Posi-Joist's ability to span greater distances than its timber competitors, coupled with its open-web design gives the contractor several important cost saving advantages. The installation of services and utilities is far simpler and quicker with Posi-Joists, reducing both labour costs and build-up time on site.

Joists are manufactured in a controlled offsite environment ensuring a quality product, and are delivered 'made to measure' allowing for speedy erection. The job's done far more quickly and the contractor makes worthwhile savings.

What's more, Posi-Joists will often eliminate the need for load-bearing intermediate walls, dramatically cutting overall building costs.

Performance

Exceptional floor performance from a wide fixing surface makes flooring easy. It controls shrinkage and with precision engineering it all reduces those tiresome return visits and remedial work.

Posi-Joist delivers outstanding acoustic performance, easily passing the relevant regulations and have also passed both BS and the more stringent EN standards for fire resistance, for both intermediate and separating floors.

For detailed Posi-Joist specifications visit mitek.co.uk/products/Posi-Joists to use our interactive span tables.



Versatility

Design versatility is inherent in the concept of the Posi-Joist. The depth, length and width can be adjusted to produce an enormous number of different specifications, each with clearly defined performance criteria.



WWW.DEESIDETIMBERFRAME.COM

01569-767-123 | info@deesidetimberframe.com