

MiTek Posi-Strut®



WHY POSI-STRUTS ARE RIGHT FOR YOUR NEXT BUILD.

REDUCE LABOR AND OVERALL WEIGHT OF THE SYSTEM
WITH POSI-STRUT METAL WEBS. MORE SPACE BETWEEN CHORDS
FOR MECHANICALS.

MiTek®

Posi-Strut®

THE METAL WEB FLOOR TRUSS SYSTEM

You simply can't afford to ignore the advantages of the Posi-Strut Floor Truss System.

STRENGTH

Posi-Struts combine the lightness of timber with the strength of steel. Span greater distances and enjoy more design freedom. Posi-Strut floor systems allow for a variety of internal room layouts due to their clear spanning capabilities.



SIMPLICITY

Posi-Strut webs provide easy access for the installation and maintenance of services in the floor zone. Energy code requirements make Posi-Strut webs ideal, because they offer more availability to run MEP systems through the floor truss - potentially reducing the need for soffits and increasing room heights.

The open web construction allows for services and utilities to be easily ran through the joists with no need for cutting, drilling or routing.

EFFICIENCY

Posi-Strut's ability to span greater distances than I-joists and open web design allows for significant cost savings. MEP install is simpler, reducing labor time and costs.

Posi-Struts offer higher quality, because they're manufactured in a controlled environment and engineered to your exact specifications.

Overall building costs are dramatically reduced because fewer load-bearing interior walls are required.

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 made to measure quality product

Wide Surface makes attaching the floor deck and ceilings simple

Top Chord Bearing for reduced hanger cost

Increased space to run HVAC and mechanicals due to the metal web design

Improved energy efficiency by allowing for insulation over windows and doors

Posi-Struts can be utilized in a wide range of depths while optimizing clearance between flanges:

WEB TYPE	CLEARANCE BETWEEN FLANGES	STANDARD DEPTH
PS10	6.25"	9.125"
PS12	8.25"	11.125"
PS12I	8.87"	11.75"
PS13	9.75"	12.624"
PS14	11"	13.875"
PS16	13"	15.875"

If you're interested in using Posi-Strut in your next build, talk to your MiTek representative. To learn more about Posi-Strut, visit www.mitek-us.com/products/steel-plates/Posi-Strut

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