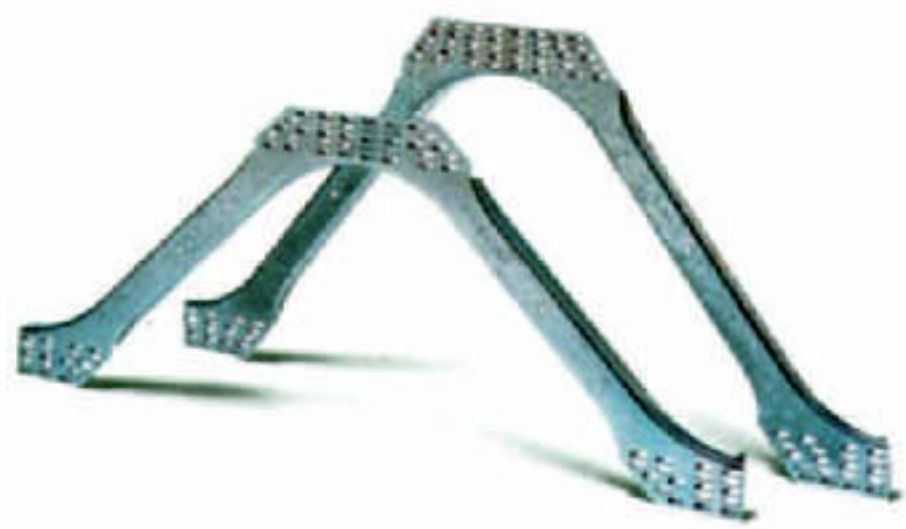


A.C. Roof Trusses

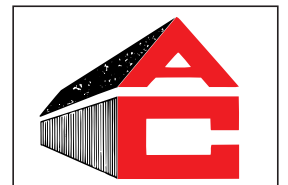
**POSI-JOIST™
STEEL WEB SYSTEM**



You simply can't afford to ignore the advantages of the Posi-Joist™ system.

To start with, because Posi-Joist™ combines the lightness of timber with the strength of the Posi-Strut® steel web, you can 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 floor and roof in domestic, industrial and commercial applications. The Posi-Joist™ allows a variety of internal room layouts within an external shell due to its clear spanning capabilities.



**A.C. Roof
Trusses**

**THE ALTERNATIVE
JOIST SYSTEM**

FLOORS



Exceptional floor performance from a minimum 72mm wide fixing surface makes flooring easy, controls shrinkage, and with precision engineering it all reduces those tiresome return visits and remedial work.

More ... benefits such as the unique open web design provide an area in which Plumbers and

All types of pipework can run easily through Posi-Joist™ beams.



Electricians will find it easy and convenient to work. The job's done far more quickly and the contractor makes worthwhile savings.

Even on long spans, no herring-bone strutting is necessary with the Posi-Joist™ system. If the span exceeds 4m, a strong-back is installed at mid-span.



A wide choice of beam depths are available.



ROOFING

The Posi-Joist™ does not just joist floors, it can adequately span for flat and pitched roofs.

Its span capability and timber flanges make it the more desirable alternative to all steel systems.

The Posi-Joist™ ability to span greater distances than its timber competitors and the fact that they are fully competitive with steel and concrete beams makes it immediately obvious that they offer considerable savings in raw materials. The open web design, gives the contractor another important advantage: it makes installation of services and utilities far simpler and quicker, reducing both labour costs and build-up time on site.

What's more, since they eliminate the need for load-bearing intermediate walls they dramatically cut overall building costs.

Quite simply, there's no more efficient or economical way to construct floors and roofs.

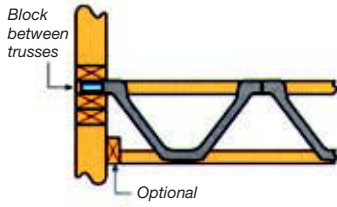
FLEXIBILITY IN USE

Design flexibility is inherent in the concept of the Posi-Joist™. The depth, length and specification can be adjusted to produce an enormous number of different specifications, each with clearly defined performance criteria. In addition, end details of the beam can be altered to give a variety of support conditions.

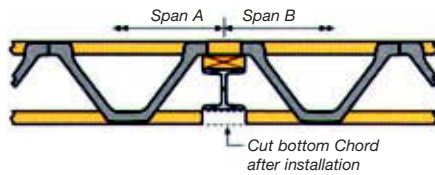


FLOOR TRUSS DETAILS

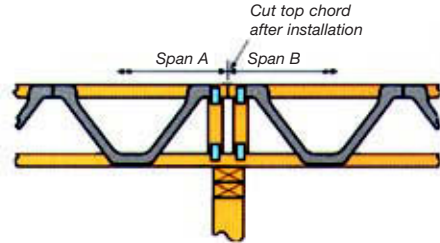
External Top Chord Bearing



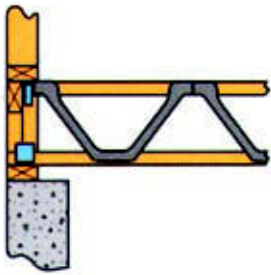
Intermediate Top Chord Bearing



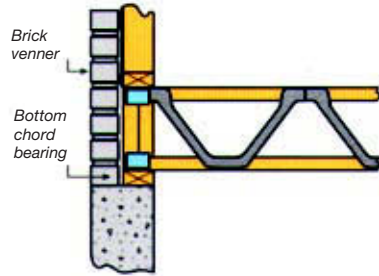
Intermediate Simple Span



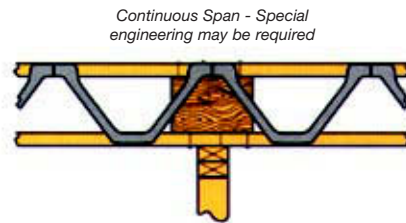
Bottom Chord Bearing - External Frame



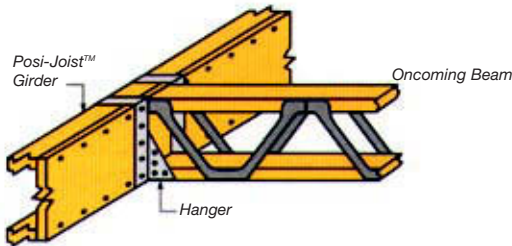
Bottom Chord Bearing - Masonry Wall



Intermediate Block Bearing

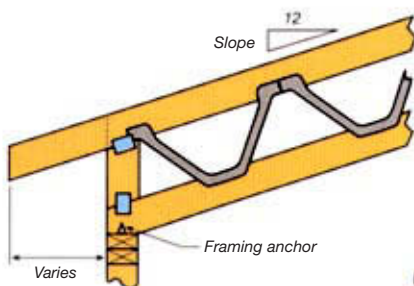


Hanger on Posi-Joist™ Girder

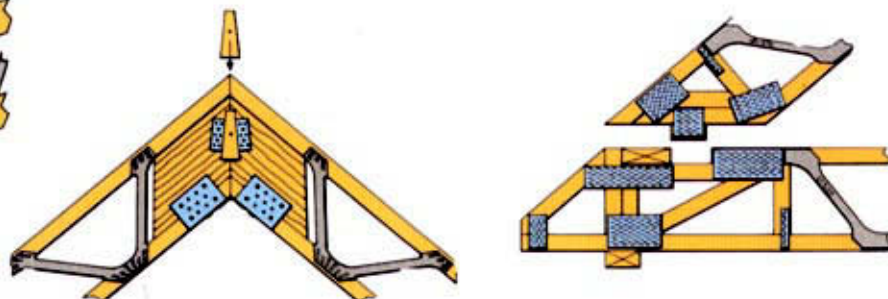


ROOF TRUSS DETAILS

Bottom Chord Bearing - Overhang

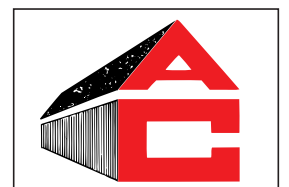


Type of assembly of truss foot:
Posi-Joist™ with the principal rafter on roof beam and return of load moving horizontally





- Greater clear spans for design flexibility
- Open web design for easy services installation
- Lightweight, strong and easy to install
- Fixing surface provides a truly quiet floor
- Engineered for consistent quality and reliability
- Clear profit with savings in labour, time and materials

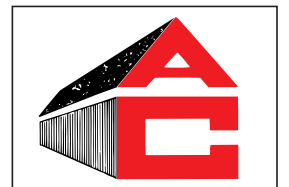


**A.C. Roof
Trusses**
THE CLEAR
ADVANTAGES OF
POSI-JOIST™

HOW TO FIND US



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Trusses**

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STEEL WEB SYSTEM