



Innovation for metal web beams

Technology Overview

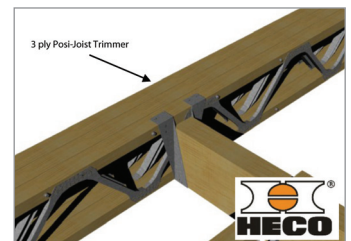
You simply cannot afford to ignore the advantages of metal web beam systems in modern panelised construction techniques. These solutions combine the lightness of timber with the strength of the steel web to form the most versatile beam solution available to the modern building designer.

With greater spans and design flexibility the metal web beams give you unequalled design freedom across a wide range of applications for both floors and roofs in domestic, industrial and commercial structures.

HECO Solution

Metal web joists are usually placed perpendicular to the loadbearing support wall and will be located so that the distance between them does not exceed the design spacing. These joists are positioned to coincide with the deck joints and spaced on 400 and 600mm centres.

Partnering with MiTek, our Heco Topix Combi Connect screws have been tested to demonstrate their suitability for connecting MiTek 3-Ply metal web beams (Posi-Joists™) – thereby determining both the capacity and failure modes of girder assemblies when subjected to vertical loads applied to an outer ply and providing a physical set of results to compare with those predicted by MiTek's own software.



Client Testimonial

Working with our supply partners, our research and engineering capabilities encompass specific engineering disciplines, supporting our customer applications:

'We expect three ply trimmers to quickly become a common feature in Posi-Joist™ floor designs. The smaller timber section 3-Ply Posi-Joists™ are easier to fasten together than the larger timber section two ply equivalents.' Tony Fillingham – MiTek Industries

