



Structural Insulated Panels (SIPs) are engineered building panels made from two layers of Coloursteel bonded to a rigid insulating core. Each panel acts as structure, insulation, and cladding in one, delivering strength, thermal performance, and long-term protection in a single system.

Unlike conventional framing where heat escapes through studs and gaps, SIPs provide a continuous layer of insulation that virtually eliminates thermal bridging. With reduced air leakage and better temperature control, SIP homes use less energy to stay warm in winter and cool in summer—saving you money year after year.

Manufactured under strict quality control, SIPs are cut to exact specifications before arriving on site. This precision minimises offcuts, reduces building waste, and speeds up assembly compared to traditional methods. It's a cleaner, more efficient way to build.

The Coloursteel skins are built to withstand New Zealand's demanding climate. The steel substrate is coated with a metallic finish such as galvanised or Zincalume® for corrosion resistance, then protected by a custom-formulated paint system. This ensures long-lasting durability, low maintenance, and reliable protection against the elements.

By combining energy efficiency, structural strength, and proven material science, SIP homes deliver comfort and financial savings today, while protecting your investment for the future. It's not just a better way to build—it's the smarter way to live.

Energy-efficient homes are the way forward, and at Connect Homes we're proud to lead the change—designing and building smarter homes that perform better, waste less, and stand the test of time.

OUR CONSTRUCTION