

Steel framing benefits

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A frame made from TRUECORE® steel can provide design flexibility.

Steel framing encourages home designers to think outside the square and make the most of available space and spanning capabilities. It lends itself perfectly to innovative designs and non-conventional rooflines, helping to create distinctive, highly individualised homes. In particular, the high strength-to-weight ratio of steel roof framing allows for longer spans, creating larger, more open living areas. And because it's steel, it measures up against increasingly stringent building and fire regulations.

A frame made from TRUECORE® steel has environmental benefits.

Steel framing made from TRUECORE® steel delivers a range of environmental benefits, both immediate and long term. The relative lightweight of steel framing, combined with its design versatility and flexibility, means a steel-framed house can be built with minimal site impact. Quite literally, it 'touches the earth lightly'. This is especially apparent on sloping and difficult sites where it can be used in conjunction with suspended flooring systems, reducing the need to cut into the site and thus leaving a much smaller imprint. And because steel frames are fabricated off-site to exact specifications, there is minimal cutting and wastage onsite - making for a cleaner building environment.

A steel frame is 100% termite proof.

Wall and roof framing made from TRUECORE® steel is 100% termite and borer proof. Because of this, the frames don't require additional chemical treatments to protect them from pest attack. TRUECORE® steel is also non-combustible, so its use significantly reduces the amount of flammable material in a home.

A steel frame made from TRUECORE® steel is strong.

The inherent strength and durability of TRUECORE® steel provides structural integrity in all types of environments and conditions - from Australia's cyclone-prone north to the cold climate regions of the south; in bushland, where fire is an ever present threat, and near the coast. Backed by a 50 year BlueScope Steel warranty* when used in residential house frame applications, TRUECORE® steel provides homeowners with the peace of mind of knowing their most valuable asset is protected by the strength of steel.

*Conditions apply, see our [warranty](#) page for more information.

Frames made from TRUECORE® steel are straight and true.

Wall and roof frames made from TRUECORE® steel are engineered to be dimensionally accurate. They won't shrink, twist or warp, reducing the likelihood of problems such as cracking cornices, jamming doors, sticking windows or wavy rooflines.

Steel is recyclable.

Steel is one of the most recycled materials on the planet. Not only is TRUECORE® steel 100% recyclable, it is made with a component of recycled steel.