

# Striving for structural success

Avoid problems associated with rotting timber and termites by building a house with steel

**K**NOWING a home's structure is built to last can give a buyer peace of mind.

For the past 10 years, 21st Century Steel Homes and Frames has focused on detailing, manufacturing, supplying and fixing steel-frame structures that do just that.

Director Jay Saeedi said his team was able to supply and fix walls, posts, flooring systems, trusses and any other framing components for every type of building from a mansion to a storage facility or a custom-designed project.

Mr Saeedi said the company had a reputation for being the supplier and fixer of one of the strongest light-framing systems in the industry.

"We choose the welded system because there is no movement in the frames from heat expansion, and we also use a minimum of 1mm high-tensile, steel studs and nogginns with 1.5mm stiffened top plates," he said.

"Commercial Z100 profile truss cords achieve trusses that can span up to 14m without any middle support and all members are welded, which creates a strong framing system with no sagging on large openings.



The company can supply and fix walls, posts, flooring systems, trusses and other framing components

"We don't use rivets or screws to manufacture the frames and the steel used in our framing system is supplied by BlueScope Steel."

Mr Saeedi said 21st Century Steel Homes' light, steel-framing system met almost any design requirement of residential or commercial building.

"All of our load-bearing walls have 1.5mm stiffened top plates, which prevent any sagging on large openings and by welding Duragal posts or structural beams in our framework we achieve large voids, big openings and high-ceilings to provide top results on architecturally designed homes

or commercial projects," he said.

"Our latest project, at 29 Salerno Avenue, Isle of Capri, was an architecturally designed home by GTAA & Associates, which we supplied and fixed all the steel-framing components, including round posts, curved beams, flooring system and all the parapets.



The steel-framing system is suitable for almost any design

"This residence is going to stand out among other houses because of its modern look, low-pinch roof with parapets, high ceilings, large void in the family area and curved structure to the outside area."

Mr Saeedi said his company was involved in some of the most distinctive projects across south-east Queensland.

"People who use 21st Century Steel Homes' framing system save thousands of dollars on maintenance for years to come," he said.

"Our system protects houses against termite attacks, fire problems, rotting timber, settlements and sagging over large openings."

For more information see the factory at 24 Mercantile Court, Molendinar, call 5574 4796 or visit [www.steelhomes.com.au](http://www.steelhomes.com.au)