

# Builder makes steel frames

**A** BUILDING company that has specialised in working with steel frames for more than two decades has become the manufacturer of steel-frame systems.

Director of 21st Century Steel Homes and Frames Jay Saeedi said the company had been building and making steel-frame houses, storage complexes, retirement villages, shops and schools for more than 20 years.

"Now the company is focusing on supplying and fixing its welded framing system to any design from homeowner-builders to major construction companies," he said.

"We have established ourselves as a major steel house builder and after years of constructing houses from footing to completion and developing numbers of display homes, we have moved on to manufacturing our own framing system."

The company is operating from a newly built factory it designed and constructed to suit its needs.

Two recent projects undertaken by 21st Century

Steel Homes and Frames are homes at Currumbin and Wongawallen.

The Currumbin project is an eco-friendly, single-storey building with huge rooms and plenty of space.

Adding to the sense of space are raked ceilings and high walls.

The two-storey mansion at Woongawallen represents luxury throughout, including a 30-degree pitch on the roof, an atrium and high ceilings.

By having the house built on steel posts, beams and a joist system, the owner gets maximum views from every room and the outdoor area.

"Homeowners can see how effective and efficient our welded-steel framing system performs when they look at our different projects," said Mr Saeedi.

"We are fully qualified and licensed to look after supply and fixing steel flooring systems, walls, trusses, rafters, beams and all required accessories to any design.

"The company can also look after Colorbond roofs, windows, external cladding, internal lining and internal fit-outs to a full lock-up stage."

The builder has a range of kit-home designs, or homeowners can submit their plans for a full pricing of frame supply only, or up to lock-up stage.

Mr Saeedi said the company, which operates in southeast Queensland and northern NSW, 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 noggins with 1.6mm stiffened top plates," he said.

"Commercial Z100 profile truss cords achieve trusses that can span up to 15m without any middle support and all members are welded, which creates a strong framing system with no sagging on large openings.

"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 the company's light steel-framing system met almost any design



The steel frame takes shape

requirements of residential or commercial building.

"All of our load-bearing walls have 1.6mm stiffened top plates, which prevent any sagging on large openings, and by welding Duragal posts or structural beams in our framework," he said.

Mr Saeedi said his company had developed several steel-frame display homes to show potential clients their capabilities.

"People who use a 21st Century Steel Homes frame 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)



A 21st Century Steel Homes and Frames project is complete

## design

Steel house-frame systems

## builder

21st Century Steel Homes and Frames

## features

Supplies and fixes walls, posts, flooring systems, trusses and any other framing components. The company also supplies and fixes Colorbond roof systems if needed.