

Project:

Charlotte Towers,
Brisbane



REIDBAR connects with Devine for labour and time savings



Queensland-based Devine Constructions built its first high-rise residential apartment block, in the Brisbane CBD, Charlotte Towers.

Better known as one of the country's leading home builders, this was the first high-rise apartment building that Devine constructed in-house.

Project Manager, Eddie Gangemi, said one of the main criteria Devine had looked at when evaluating construction techniques for the project was the use of systems which would speed construction and reduce labour on site.

This approach led the builder to incorporate OneSteel Reinforcing's continuously threaded rebar and coupler system, 500PLUS REIDBAR, for a variety of connection details throughout the project. REIDBAR was used for the majority of slab to core and slab to column connections, and in other areas like slab penetrations.

According to Eddie Gangemi, REIDBAR is one of the most efficient coupler systems on the market.

"The REIDBAR system differs from other couplers in that it has a very coarse thread. This makes it much easier to use than systems which have a finer pitch and are susceptible to damage and problems with dirt in the screw threads," he said.

Mr Gangemi added: "Labour costs on a project of this type are very high. By incorporating pre-manufactured items like REIDBAR, we helped to keep our labour costs down and speed construction, and time is money!"

"It only takes us about 10 minutes to screw in 20 or 30 REIDBARS, whereas with other coupler systems you have to pull out plugs, clean the coupler out, and often have to waste time trying to screw them in because they are so easily damaged."

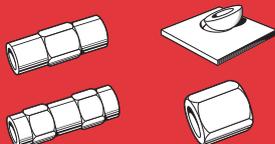
REINFORCING SOLUTIONS

500PLUS REIDBAR

500PLUS REIDBAR is a continuously threaded, steel reinforcing bar and coupler system, which can be cut and joined at any point, greatly improving steelfixing flexibility.

The rugged threads are resistant to damage and permit rapid coupling on site.

500PLUS REIDBAR is available in most rebar diameters: 12, 16, 20, 25 & 32mm, with an extensive range of couplers and construction accessories such as nuts, threaded inserts, foot plates, grout sleeves and nailing plates, enabling the 500PLUS REIDBAR system to be used in a wide variety of applications.



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REINFORCING SOLUTIONS

APPLICATIONS

- Staged construction
- Wall to floor connections
- Wall to wall connections
- Column to wall connections
- Beam to slab connections
- Slab penetrations
- Starter bars
- Shear reinforcing
- Tilt-up/precast concrete
- Refurbishment and rectification works
- Wind bracing
- Hold/tie down bolts
- Ground stabilisation
- Rock bolting
- Soil anchoring.

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“All up, the REIDBAR system is a much more efficient package,” he said.

Mr Gangemi’s sentiments are echoed on site by steelfixing foreman Forrest Dodge, from Strongforce Steelfixers.

“For speed and ease of use, the REIDBAR system is very good,” he said.

“With other steel reinforcing coupler systems that have a much tighter thread, we often need to pack the coupler with grease before concreting and then clean them out again before we can screw the bars in.

“And, that is only after we have cut some screw threads onto the rebar!

“With the REIDBAR system, the thread is actually part of the rebar, so we don’t need to waste any time at all.

“As soon as the formwork is removed, we can very quickly screw the continuity reinforcement into place and keep the project moving as quickly as possible,” he said.

“All my men definitely prefer REIDBAR, because it is such a simple system to use.”

Nearly all of the 416 apartments in the \$170 million Charlotte Towers were pre-sold.