

Bow Tie®



Boasting one of Sydney's finest views of the Harbour Bridge and its sparkling waterways, The Point Apartments are located in Milsons Point, one of Sydney's most popular suburbs. Danley's award-winning Bow-Tie® reinforcing bar connection system was used by WBHO Probuild and resulted in labour cost savings and reduced health and safety risks for workers - a challenge with the limited site access in such a built-up area.

Project: The Point Luxury Residential Apartments

Location: Milsons Point, Sydney

Client: WBHO Probuild

Products: Bow-Tie®

Project Value: A\$23 million

Completion: Due October 2009



Bow-Tie® is ideal for use in high-rise buildings where the lift cores and stair cores are slip-formed or jump-formed. Bow-Tie® provides connections for concrete floor slabs, landings and stairs, and other concrete elements that are placed at a later time.

WBHO Probuild chose the Bow-Tie® system because it was easy to install in both vertical and horizontal configurations. With the Bow-Tie® system labourers did not have to use lengthy pipe levers to bend out the reinforcing bars – they simply fixed in the U-bar followed by the top steel mat.

Not only did Bow-Tie® save time and labour costs it also significantly reduced the health and safety risks on site.

Bow-Tie®:

- Eliminates exposure to repetitive stress injuries caused by bending out multiple bars or threading and tightening multiple bars
- Reduces exposure to tripping hazards and injury created by the pull-out/ starter bars and in turn saves costs associated with purchasing and fitting protective bar caps
- Reduces the time and effort spent by workers performing tasks in a crouched position – decreasing their exposure to back injuries