

Q1 Tower

Rebox® Rebating System

At 322.5 m Q1 is the world's tallest all-residential building, and the tallest building in Australia. Danley® provided the unique wall-to-floor connection system to design and construction group Sunland. Rebox® eliminates the need for scabbling and as a result reduces associated labour costs.



Project: Q1 Tower

Location: Gold Coast, Queensland, Australia

Client: Sunland Group

Products: Rebox®

Project Value: A\$328 million

Completion: 2005



The Rebox® System is a unique system designed to provide a rebate for shear load transfer and continuity of steel reinforcement for reinforced concrete connection details.

Normally when connecting adjacent concrete pours to the adjoining concrete surfaces, the surfaces need to be roughed up to ensure a positive concrete connection. Due to the unique design of the Rebox® surface this task is eliminated.

The metal rebate is manufactured in two C-shaped halves, which allows the unit to be easily opened after installation – exposing the contained reinforcement bar (ie pullout\ bars).

Sunland Formwork's Brad Beasley describes Rebox®:

"We at Sunland Formwork installed Danley's metal Rebox® system alongside the loop continuity rebate system. We found both easy to install and have continued this combination for the complete project. The Rebox® System as an individual box gives us freedom to place it anywhere, and the loop system was used as a fixed rebate to our shutters. Danley® supported us through the entire project with both personal service and technical support."

For more information on the full range of Danley® products please call us directly on: 1800 280 573 (Freecall within Australia.)