

# 25 Project Profile

Client:  
*Siam Paragon  
Development Co Ltd*

Principal Contractor:  
*Thai Obayashi  
Corporation*

## Siam Paragon- The Pride of Bangkok



A 2 year construction project costing US\$375 million, totaling 500,000 sq meters of prime land, is the home to over 250 famed international and local brands under one roof.

The complex also features a department store, Edutainment and Exploration centers including the largest aquarium in Asia created by Oceanis Australia Group at a construction cost US\$25 million dollar

Project commenced: June 2003 - Project Completed December: 2005

Powers Fasteners were successful in securing number one Fastening Supply status to the project through their exclusive agent for the region Gt Chemical and Anchor.

Key in the successful tender process for the this prestigious project was the ability to demonstrate to the client that Powers anchoring products could be technically supported and serviced locally, high performance products were required with fast turn around supply and technical support including site testing on notice.

Structural steel applications throughout the project were anchored to concrete with a combination of either Powers Chem Stud chemical anchor capsules or one of Powers Chemical injection systems.

Over 30,000 Grade 5.8 studs between M12 and M24 were used with either the Powers Chem Stud capsules, KF2 or Powers Power-Fast Plus chemical injections systems.



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For high performance installations of Re-enforcement bar to concrete the Power-Fast Plus epoxy injection systems was selected.

Power- Fast Plus soon became recognized as the market leader in chemical anchoring technology with high loads being achieved at shallow hole depths during the on site testing .

Over 50,000 anchoring points used Power-Fast Plus on the project for Re-bar sizes from 12 mm to 32mm and significant material and labor costs were achieved by using this system.

Given the unforgiving nature of the weather in Bangkok often Power-Fast Plus was used in pre drilled holes that were damp or even full of water, again tests showed the material to be uncompromising in its performance.

Also supplied to the project by Powers' agent, were approximately 10,000 J bolts and L bolts of varying sizes.

Powers Fasteners are positioned well to continue supply to this project in 2007 with the additional construction of 2 high rise hotel towers.

In September 2006 Powers Fasteners Thailand was incorporated to further develop the exposure of the Powers brand in the Asia pacific region.

