

What's making a splash in Melbourne?



PROJECT bulletin

Smart Steel Hollow Sections

Orrcon Steel's Intelligent Construction Solutions

PROJECTbulletin

QUICKfacts

Project	Melbourne Sports & Aquatic Centre
Developer	Department of Victorian Communities
Building Contractor	John Holland Group
Architects	Peddle Thorp Architects
Structural Engineers	Connell Wagner
Fabricator & Erector	Samaras Structural Engineers
Orrcon Steel Products	Orrcon Steel Smart Steel Hollow Sections: Pipe sized 88.9mm OD to 610mm OD



The Melbourne Sports and Aquatic Centre was reconstructed for the 2006 Commonwealth Games and is an excellent example of the creative use of Orrcon Steel's Smart Steel Hollow Sections.

With over 800 tonnes of pipe and RHS, the centre demonstrates how architects are increasingly incorporating steel hollow sections in lieu of traditional hot rolled steel members and concrete to enhance the design of major construction projects.

The reconstruction saw the existing Aquatic Centre extended with a new covered outdoor Olympic sized swimming pool, permanently roofed grandstand for 3,000 spectators and additional temporary roofs which are capable of attachment. Extensive use of Orrcon Steel's Smart Steel Hollow Sections distinctly enhances the elegance and practicality of the centre's design.

Samaras Structural Engineers, who were responsible for the main structural steelwork, fabricated the steel elements at their Adelaide factory. Once fabrication was complete, over one hundred semi-trailers were used to transport the sections to the site in Melbourne.

Samaras' General Manager, George M. Samaras said, "Orrcon Steel understands our needs well and is always eager to help meet our fabrication challenges. For example, the Aquatic Centre's design required several uncommon pipe sizes which are difficult to get off the shelf, however Orrcon Steel rolled them especially for us in time to meet our tight fabrication schedule."

For more information give Orrcon Steel a call on 1300 677 266



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we'll see it through

