

Project Case Study

**TOTAL
CONSTRUCTION**

Concept to Completion

Project

New Gymnasium Building

Location

Maroubra, NSW

Client

International French
School of Sydney

Project cost

\$2.5 million

Completion

April 2011



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Total Construction was awarded this contract by Integrated Design Group Pty Ltd (IDG) on behalf of the International French School of Sydney for the construction of a New Gymnasium Building and associated facilities at the existing site in Maroubra, NSW.

This project has been bestowed with the following awards 'Non-Residential Architecture – New' and 'Outstanding Work of Architecture' by the NSW Country Division Australian Institute of Architects.

The architect was IDG who also acted as Superintendent on behalf of the school.

The main building is reinforced concrete slab with precast concrete panels up to 10.5 metres high to form the main façade and side walls. The roof is a Ritek Roofing sandwich panel supported on exposed structural steel trusses without the use of purlins. The sandwich panels also provide acoustic treatment as well as thermal rating for the air-conditioned space. Acoustic panels are hung from the roof and also rebated into the precast concrete panel walls inside the building. Lettering on these panels features the schools identity.

Associated facilities include an administration area leading out to an external paved courtyard and change rooms for the students.

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