

CASE STUDY

BOROONDARA

SPORTS COMPLEX

DURRA™

***Boroondara Sports Complex** is a state of the art multi-court facility, used for multiple indoor sports and activities. The Complex is located at Gordon Barnard Reserve and is in close proximity to a residential area. Many sporting clubs and community groups have been able to call this complex their 'home base.'*



The project specification called for a high performance acoustic building envelope that would provide exceptional noise isolation, internal sound reverberation control and of course a high degree of impact resistance. The Ortech Acoustic Roof & Ceiling and Durra Acoustic Wall System was the obvious choice to deliver a successful project outcome.

Building System

- Ortech Acoustic Roof and Ceiling
- Durra Acoustic Wall

A variety of acoustic finishes can be applied to Durra Panels to suit individual project needs. In this instance, the highly impact resistant Acoustic Pattern finish was specified for use with a white and painted grey finish for enhanced light reflectivity.

Project Size

- 5,000m²

The Durra Acoustic Wall System was quick to install with the patented self aligning biscuit jointing system and the use of a scissor lift. Over 2,000m² of wall panel were supplied for the project. Durra aluminium sections were used between the panel to panel joints. This completed the wall installation. These sections have been specifically designed for use with Durra Wall Systems.

Ratings

- Rw 50
- NRC 0.5

Boroondara Sports Stadium required a smart looking ceiling and wall system that complimented its overall unique architectural design. Besides the smart looking finish, Durra Building Systems offered high acoustic properties, impact resistance, compressed build time and cost savings, and a significant contribution to showcase practical examples of environmental sustainable design.

Benefits

- Impact resistance
- High thermal insulation
- High acoustic performance
- Reduce time and costs
- Enhance worker safety
- Environmental sustainable design
- Simple construction



Durra is a Registered Trademark of Ortech Industries.

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