

CASE STUDY WARNER ROADSHOW STUDIOS

DURRA™

Warner Roadshow Studios are situated adjacent to the Warner Bros. Movie World Theme Park, the Studios offer truly world class film production facilities of comprising eight sound stages. The studios were designed to be sound proof to offer superb filming facilities.



The project design team specified the use of a Ortech Acoustic ceiling and wall system to isolate internal and external noise, especially noise that would travel from the nearby Theme Park, Movie World.

Both ceiling and wall system comprised of Soundsorb, black fabric faced. Soundsorb is a unique product; in that it offers both excellent sound absorption and sound transmission loss. It is the combination of Durra Panel and a cassette of insulation. The insulation can be a maximum of 75mm; in this case Ortech provided a standard 25mm.

The benefits of an Ortech Trafficable Acoustic Roof and Ceiling system was clearly evident as the Durra Lifting Frame was used to lift complete ceiling modules (approximately 100m²) to the building structure. Once the modules were securely fixed to the steel structure, they became a safe and trafficable area, which also allowed other trades to work below. The use of the Durra Lifting Frame also eliminates the use of expensive birdcage scaffolding.

Durra Panels are delivered to site pre-finished and pre-cut (specific to the client) and ready for assembly. Once installation is complete there is little maintenance required.

Building System

- Ortech Trafficable Acoustic Roof and Ceiling
- Durra Acoustic Wall

Project Size

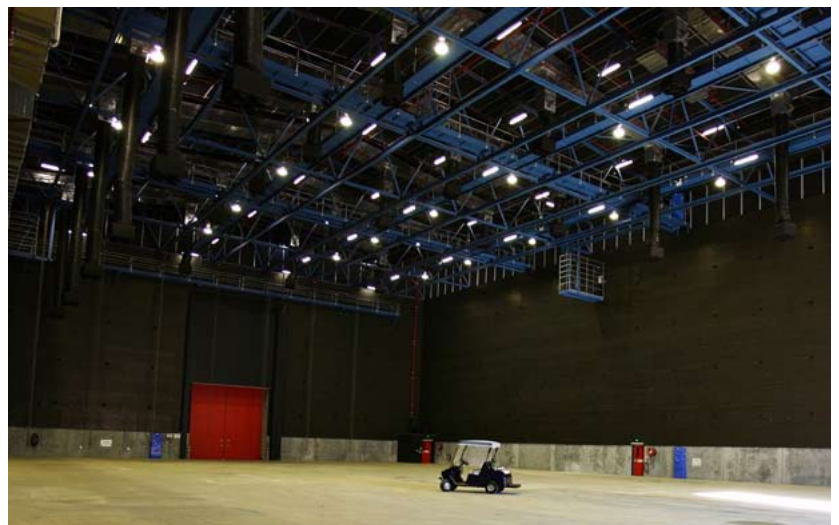
- 10,000m²

Ratings

- STC 48+
- NRC 0.85

Benefits

- Enhanced worker safety
- Compressed build time
- Reduced construction costs
- Eliminates Birdcage scaffolding
- High Acoustic performance
- Thermal insulation
- Impact Resistance
- Low Maintenance



Durra is a Registered Trademark of Ortech Industries.

www.ortech.com.au

ortech@ortech.com.au

Ortech Industries Pty Ltd

Unit 18, 1-7 Canterbury Rd
Braeside VIC Australia 3195

Tel: +61 3 9580 7766

Fax: +61 3 9587 1628