

CASE STUDY

OPERA HOUSE AND HARBOUR BRIDGE CHOOSE ACOUSTISORB® NOISE ABSORPTION PANELS



Astounding performance within Opera House

As part of its Decade of Renewal (the largest program of OH upgrades since its open in 1973), the Joan Sutherland Theatre has recently undergone a number of upgrades, including a custom-built acoustic ceiling specified to absorb noise from backstage hoists and equipment.

The modular AcoustiSorb sound absorption panels were easily customised on site to fit around new and existing steel work. Access to the site was divided into small, rapid phases around other work schedules, requiring ModularWalls to work within an exceptionally tight turnaround period to measure, manufacture and install each component of the ceiling.

The lightweight panels enabled easy handling and installation some 30m above the stage, under strict working-at-heights safety procedures, while the modular design of the panels ensured materials could easily be transported and lifted to the work area within the confined space.

With exceptional Sound Transmission Loss performance, a Weighted Sound Reduction Index (Rw) of 31dBA and a Noise Reduction Coefficient (NRC) of >0.9, AcoustiSorb will effectively absorb the noise of staging equipment and machinery, thus improving the acoustic qualities of the performance space.

Crossing the Harbour Bridge

At the same time, noise complaints from surrounding residents and hotels jeopardised structural bridgeworks on the Harbour Bridge. Needing a rapid, highly noise reductive solution to continue their project, the Roads and Maritime Services turned to ModularWalls.

A temporary acoustic enclosure, utilizing AcoustiSorb noise absorption panels, provided the perfect solution. The enclosure was custom-designed for continual relocations along the bridge, with its modular nature ensuring rapid, manageable deconstruction and reconstruction to follow the project.

Industry leader in innovative and cost effective acoustic and boundary walls

- Proven acoustic performance
- Cost effective
- Durable, lightweight modular construction
- Quick and easy installation
- Suited to environmentally harsh and remote locations

Call us on 1300 556 957 or visit www.modularwalls.com.au



MODULARWALLS®