

CASE STUDY

HANSON CONCRETE SOUND ABSORPTION SOLUTION



Background

As an Australian leader in building and construction materials, Hanson turned to noise abatement market leaders ModularWalls when it came to the manufacture and installation of a noise absorption wall. Local council imposed strict mandatory acoustic regulations as part of the all-important new plant construction in WA, and the noise absorption wall had to meet specific DA conditions. In addition, the noise absorption solution had to be cost effective.

Solution

The solution offered by ModularWalls included a BarrierWall system measuring 4.2m high x 40m long that incorporated their proprietary AcoustiSorb75 panels. These panels have an insulated core resulting in an NRC rating > 0.9. This safely ensured DA conditions were successfully met. The lightweight yet robust construction of the panels along with the fact there is no requirement for painting (as the panels are pre-finished) favourably affected the project budget. ModularWalls managed the entire process from concept drawings, detailed design and engineering through to installation, which is why they are Australia's leader and fastest growing manufacturer of commercial acoustic walls.

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

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