

CASE STUDY

CUSTOMISED CHILD CARE SOLUTION



Background

ModularWalls was given the challenge to come up with a cost effective acoustic solution that had to comply with strict council criteria for the Maddingley Early Learning Centre. Firstly, a robust panel density specification of 22kgs/m² was determined by the client's acoustic consultant that had to be met or exceeded. Having previously worked on acoustic solutions for many Early Learning Centres, this challenge saw the team at ModularWalls in familiar territory. As the Centre's location adjoins residential housing, the solution had to not only shield local residents from the playground noise, but resolve their request for an aesthetically pleasing fence.

Solution

The noise abatement panel that was developed for the project was a modified version of ModularWalls™ AcustiMax50 panel, with an additional integrated central fibre cement layer. The customised panels ingeniously utilised the typical SlimWall support posts so from the outside the system looked like an aesthetically pleasing SlimWall. The SlimWall fence measuring 2.1m high x 155m long, utilising this upgraded panel was instrumental in shielding local residents from the playground noise, as well as providing an extremely secure perimeter ensuring the children's safety. The Maddingley Early Learning Centre along with their acoustic consultant was extremely pleased by the end result that only took 11 days to install. ModularWalls provided a turnkey solution from concept drawings, detailed design and engineering through to installation.

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- Proven acoustic performance
- Cost effective
- Durable, lightweight modular construction
- Quick and easy installation
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