

CASE STUDY

ENDUROMAX® NOISE BARRIER FOR MAJOR CONSTRUCTION AND TRACKWORK AT CENTRAL STATION



Background

ModularWalls were contracted by Laing O'Rourke to supply a screening noise barrier for major construction and trackwork, spanning over several years, at Sydney's Central Station. As well as delivering vandal resistance and high durability, unique site constraints also required the design to be easily and quickly installed; yet again, EnduroMax provided the perfect solution.

Solution

ModularWalls worked closely with Laing O'Rourke, offering detailed consultations, design work and engineering. Inhouse support was also given during installation, which was easily undertaken by the site crew. With its unique control over the entire supply chain, ModularWalls were able to supply the custom length EnduroMax panels within a 2-week turnaround period; a much faster turnaround than a concrete or AAC alternate design.

Due to its lightweight, modular nature, the wall itself offered rapid construction, overcoming the detailed site constraints. Measuring 200m long at heights of 4.5m, utilising impact-resistant EnduroMax panels, the design exceeded expectations for both acoustic attenuation and durability.

Ultimately, ModularWalls' noise barrier delivered a lighter, faster, more cost-effective alternative to traditional materials.

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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MODULARWALLS®