

CASE STUDY

SLIMWALL™ ACOUSTIC WALL ENHANCES PEDESTRIAN & CYCLIST EXPERIENCE ALONG SHARED PATHWAY



Walkability and cyclability are huge assets for cities. Shared pathways, such as the one constructed along Safety Bay Road in Perth, WA last year, are fast becoming a 'must' for the future of urban planning. To create their protected, attractive pathway, the Department of Transport turned to SlimWall for a visually appealing acoustic wall. The SlimWall acoustic wall, utilising AcoustiMax panels, runs for almost a kilometre along the newly constructed shared pathway. Additionally, the wall was finished with a soft yet brightening design to enhance the pedestrian and cyclist experience.

Background

Not only do walkability and cyclability reduce pollution and enhance health, but it also provides socio-economic stability. Firstly, for the lower class, it provides an independent and cost effective means of transport, outside of public transport. It is also a highly attractive feature for creative, active and environmentally-conscious groups, who provide innovation and cultural richness to a city.

Despite these benefits, Australian cities are far from being a supportive environment for cyclists and pedestrians. For instance, according to 2016 Census data, "across metropolitan areas, typically plagued by sprawl and segregated land uses, cars still dominate. Car-based commuting rates have decreased by only 1-2%. Public transport use also remains relatively low. Even in Sydney, it captures only about one-quarter of commute trips."

Solution

The proprietary AcoustiMax panel is our core modular wall solution, and can achieve a Weighted Sound Reduction Index of up to 28. Therefore, it's the ideal choice for those seeking an effective, economical, aesthetically versatile noise barrier.

The AcoustiMax panel is composed of an EPS core with an external layer of fibrefreinforced cementitious sheets. As a result, it offers a lightweight, impact-resistant panel with outstanding acoustic properties and a smooth designer finish. The cementitious skin also delivers an aesthetically superior exterior that can complement any design goals or architectural styles.

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cost effective acoustic
and boundary walls

- Proven acoustic performance
- Cost effective
- Durable, lightweight modular construction
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