

COMMERCIAL COLLECTION

ACOUSTIC WALLS & SPECIALISED PANEL SOLUTIONS

Welcome to

PARKSIDE

PARKVILLE



MODULAR WALLS



With over 30 years manufacturing experience in composite panelling, we invented the modular wall 15 years ago. Since then, we have continued to innovate and expand our product range.

We continue to lead through innovation to produce cost effective and acoustically proven solutions for our clients.

ModularWalls™ has a proven performance record across thousands of commercial noise abatement, security, privacy and architectural projects having partnered with some of Australia's largest companies and government departments.

We are proudly Australian owned and manufactured with a reputation for quality and innovation.



WHY MODULARWALLS™?

As the leading manufacturers of cost effective boundary walls, ModularWalls can offer a solution for every challenge. Whether it be noise reduction, impact resistance, as a barrier for environmental hazards, customisable design, easy and fast installation requiring little infrastructure support, or overcoming difficult site access, ModularWalls is able to solve it.





The ModularWalls advantage

A reputation for quality and innovation

ModularWalls has successfully delivered over 15,000 projects - some of which have been located in the harshest and most challenging climatic conditions.

Cost effective

With the surge in demand for bricks and concrete and the increasing cost of labour, businesses are looking to alternative wall solutions to emulate the look of traditional products. This saves the high costs and hassles associated with masonry and concrete construction.

Strong and durable

Composite panel technology provides a panel that is strong, lightweight, will not rot, warp or corrode. Virtually maintenance free, a modular wall displays amazing rigidity in any situation. The unique post design allows for any future ground movement without affecting the walls integrity, meaning it will not crack like other masonry wall materials.

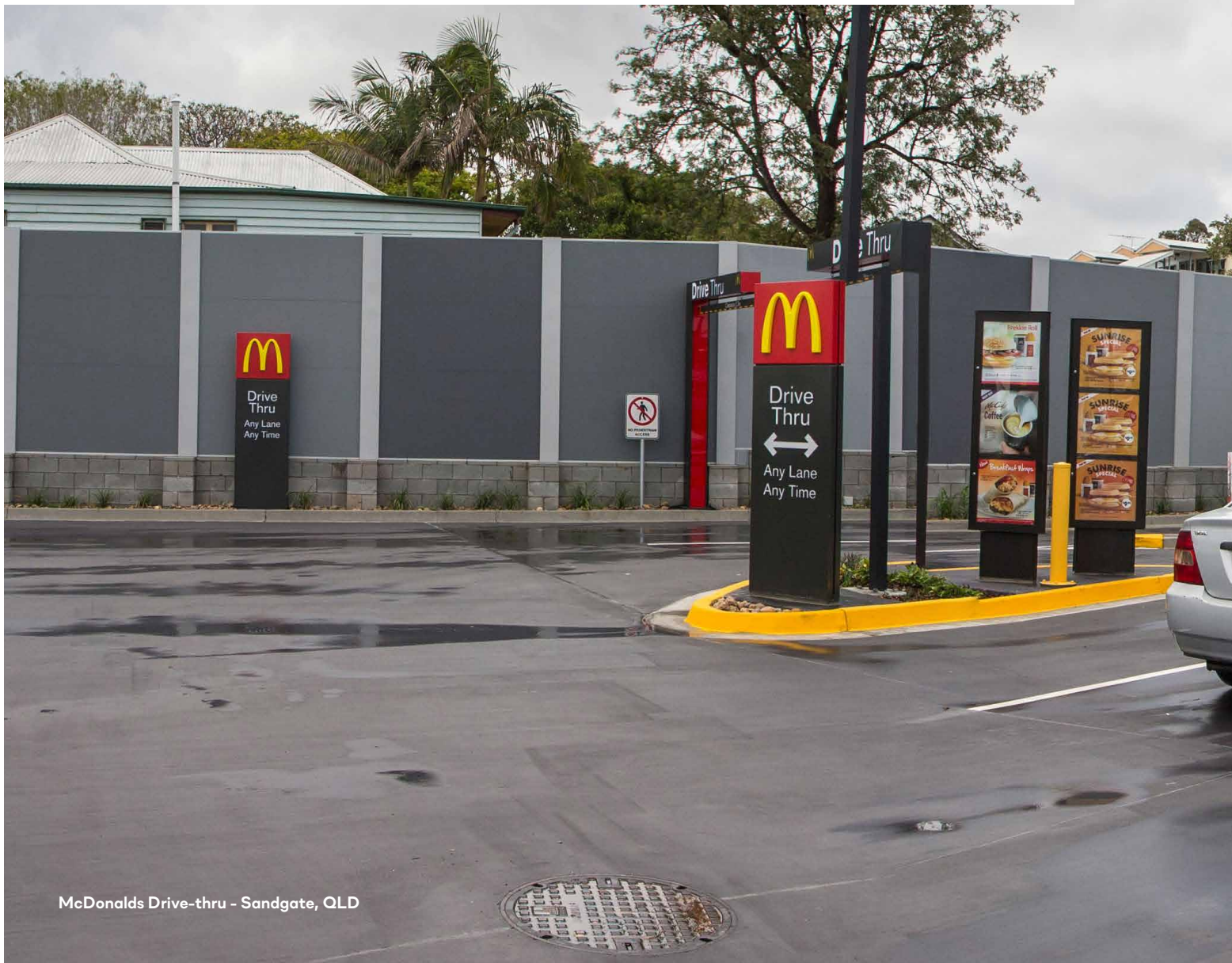
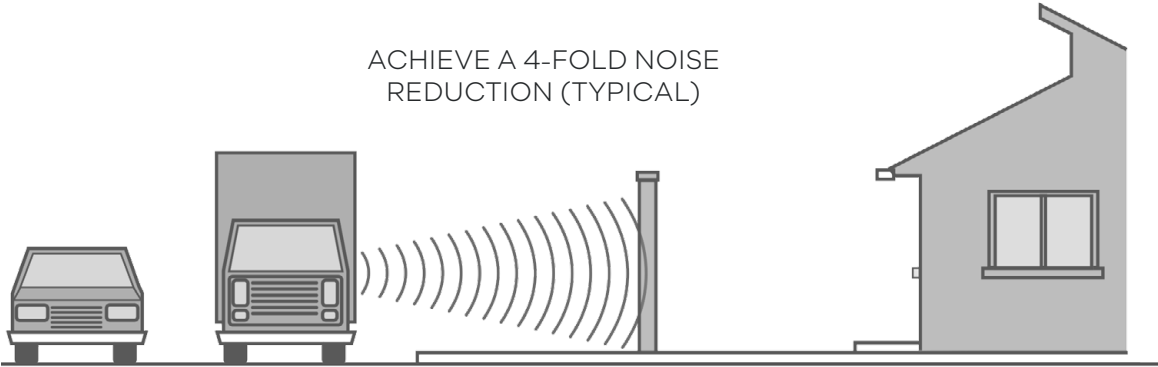
Designed and manufactured in Australia

The products are Australian designed and manufactured to strict international ISO 9001 quality standards. With 30 years proven performance, ModularWalls products are applied in a wide variety of industries and government departments both nationally and internationally.

PROVEN ACOUSTIC PERFORMANCE

ModularWalls has been National Acoustic Laboratory tested and rated. Typically, you can expect an acoustic benefit of around 20+ dB reduction in audible noise. This makes ModularWalls the perfect choice along busy roads and freeways or in high density housing communities. We have standard panel options from 15 kg/m² - 30 kg/m².

ACHIEVE A 4-FOLD NOISE
REDUCTION (TYPICAL)





Commercial solutions & specialised panels

Lightweight construction

This equates to quick and easy installation with no need for large machinery or lifting equipment, making it a cost effective solution.

Remote location installation

The lightweight properties of ModularWalls panels allows for remote locations and difficult sites to be readily serviced. We have engineered and built walls in locations as environmentally harsh and remote as Karratha, WA (wind region D).

Reduce noise

Combining innovative composite wall panels and a unique post system, ModularWalls has been specifically designed to insulate or absorb sound and mitigate noise. ModularWalls has been National Acoustic Laboratory tested and rated. Typically, you can expect up to a fourfold audible reduction in noise.

Simple and easy installation

ModularWalls ensures zero wastage, saving costs, time and almost completely eliminating construction mess.

Fast construction times

The lightweight components of the ModularWalls system allows for extremely efficient transportation of the product even to difficult sites.

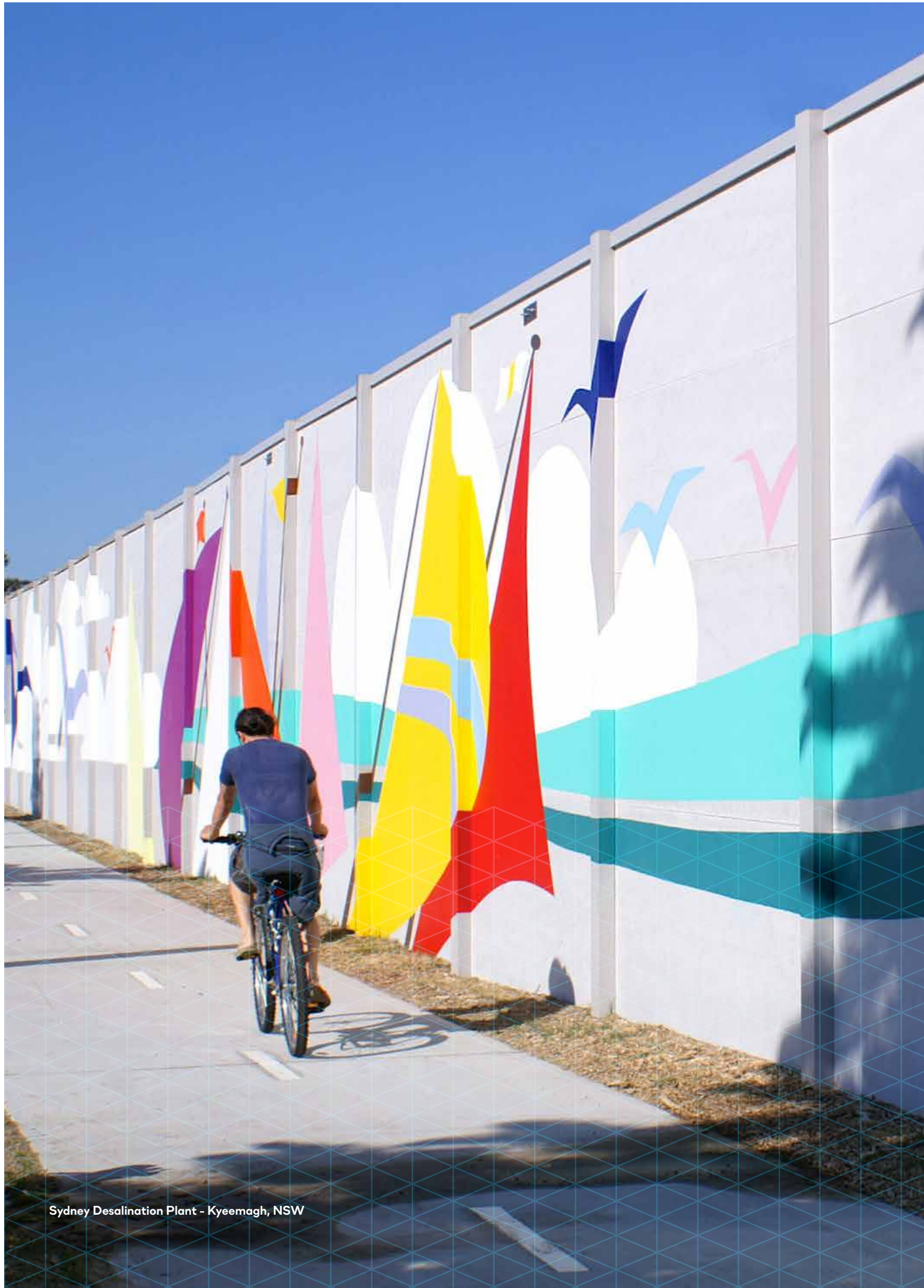
Easily customised

Our ModularWalls are available in customised heights and can be painted in a variety of superior finishing options and quality. They also have the same pleasing appearance on the back as the front.



Ballina Bypass - NSW





Sydney Desalination Plant - Kyeemagh, NSW

COMMERCIAL SOLUTIONS

KEY PRODUCTS OVERVIEW

AcoustiMax™

Acoustic walls and panels

- Fibre cement/EPS composite construction
- Lightweight
- Panel spans up to 4.2m
- Custom manufactured posts or universal beams - subject to height and wind region



Applications

- Visual screening
- Security
- Boundary walls
- Front walls
- Pool areas
- Acoustic attenuation
- Housing developments
- Childcare centres
- Schools

TerraFirm™

Retaining walls and panels

- Heavy duty fibre cement outer skins
- High density EPS core
- Heavy duty reinforcing within core
- Retain up to 3.0m high
- Up to 10kPa live loads



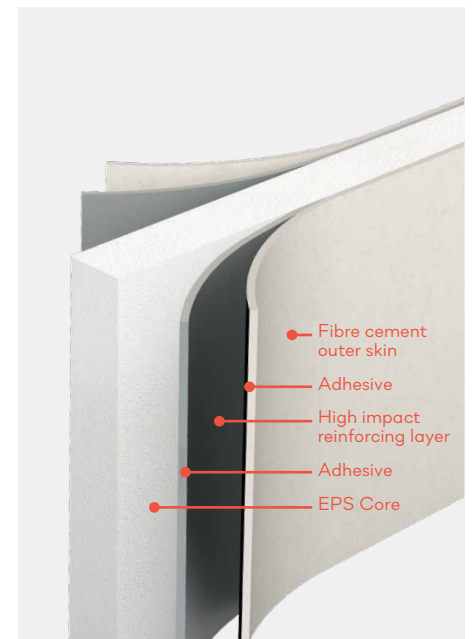
Applications

- Stand alone retaining
- Integrated retaining walls
- Stepped blocks within developments
- Aesthetic replacement for sleeper retaining walls
- Concrete alternative

EnduroMax™

Impact resistant panels

- Roadway compliant
- Ultra high impact resistance
- Fibre cement outer skin
- High impact reinforcing layer
- Vandal resistant
- Superior acoustic performance
- Panel spans up to 4.2m



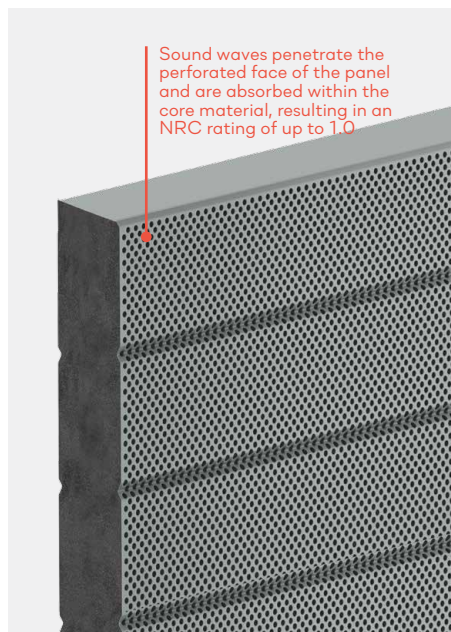
Applications

- Road and rail corridors
- Civil infrastructure environments
- High traffic areas
- Car parks

AcoustiSorb™

Sound absorbing panels

- Pre-coloured, perforated aluminium outer skin
- PET sound absorbing core
- Lightweight yet robust construction
- Panel span up to 4.0m
- Typical audible noise reduction of 30db to 40db and an NRC of up to 1.0



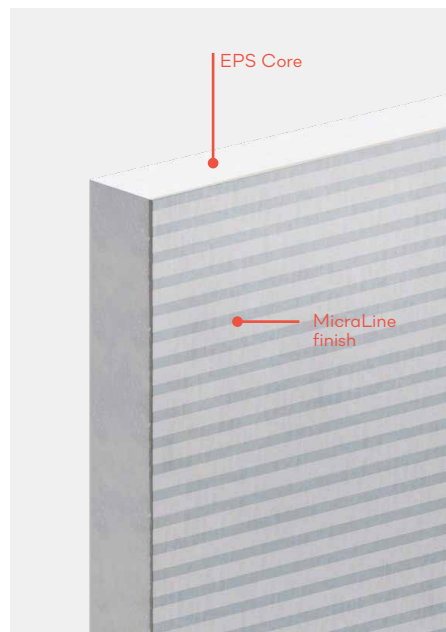
Applications

- Extreme acoustic attenuation requirements with tunable RW rating
- Loading docks
- Road and rail tunnels
- HVAC units
- Internal walls within theatres
- Acoustic enclosures (e.g. around generators)

MicraLine™

Steel skinned panels

- Pre-finished steel outer skins to a standard range of colours
- Lightweight
- Panel spans up to 4.0m



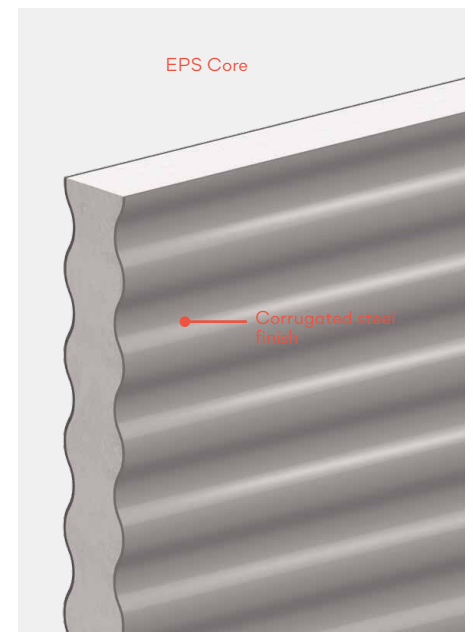
Applications

- Acoustic barrier
- Internal walls
- Roof top enclosures
- Sound enclosure for generators

CorroLink™

Corrugated steel panels

- Pre-finished steel outer skins to a standard range
- Lightweight yet robust construction
- Panel spans up to 6.0m



Applications

- Relocatable visual screening
- Security barriers
- Mining environments
- Manufacturing facilities
- Drilling operations
- Moving platforms
- Short term noise containment

AcoustiMax™

Acoustic boundary panels



The proprietary AcoustiMax panel is our core modular wall solution, and the ideal choice for architects and developers seeking an effective noise barrier that is aesthetically versatile, as well as economical.

Consisting of an EPS core with an external layer of fibre-reinforced cementitious sheets, AcoustiMax is a lightweight, impact resistant modular wall panel with a smooth, designer finish.

The lightweight, modular design of the AcoustiMax panel makes it quick and easy to install, dramatically reducing build times as well as the labour and machinery need for challenging sites.

The AcoustiMax comes in standard thicknesses of 50mm, 75mm and 100mm, permitting its usage with a variety of modular wall systems including the SlimWall, the VogueWall and the EstateWall.

- **Fibre cement / EPS composite construction**
- **Lightweight**
- **Impact resistant**
- **Panel span up to 4.2 meters**



Bupa Aged Care Village - Kirrawee, NSW



Childcare Centre VogueWall with decorative translucent windows

Rw Rating	28
Density (kg/m ²)	15 - 30 (typical)
Fire (BAL)	up to BAL40
Panel thickness (mm)	50, 75, 100
Panel length (mm)	2400, 3000, 4200
Panel width (mm)	600, 900, 1200
Wind Region	A, B & C - D on request



TerraFirm™

Retaining panels



Standalone retaining wall - Cedar Heights Estate, QLD

Slopes can create many challenges when it comes to designing and installing a boundary wall or fence in both residential and commercial applications. The TerraFirm panel stylishly integrates the retaining wall and fence or boundary wall into one seamless design, creating a consistent and visually appealing project, without the need and cost of building a traditional masonry wall.

The TerraFirm panel replaces the need for concrete or timber sleepers, saving a significant amount of time, money and space; minimising waste and excessive material usage.



Heavy duty retaining wall installation

- **Up to 10 kPa live loads**
- **Cost-effective**
- **Durable, lightweight modular construction**
- **Quick and easy installation**
- **Easily customised**
- **Lightweight assembly and minimal site disruption**
- **Can retain up to 3.0m in soil height**



Retaining wall with stone cladding

Types	XS - (75 & 100mm thick panels) X & XL - (113mm thick panels)
Density (kg/m ²)	30.0 - 49.0
Fire (BAL)	BAL40
Panel thick. (mm)	75, 100 or 113
Panel length (mm)	2400
Panel width (mm)	600, 900, 1200
Soil Retention	up to 3.0m at 10kPa



EnduroMax™

Impact resistant panels



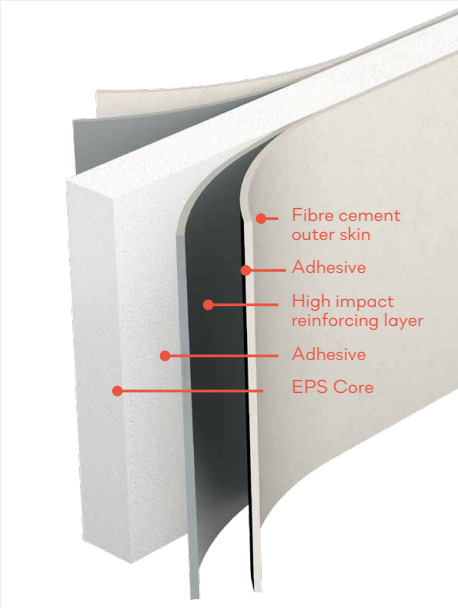
EnduroMax is an ultra-resilient, high-performance modular noise panel designed specifically for the extreme conditions associated with road, rail and civil infrastructure environments. With superior acoustic performance, strong fire resistance, and high impact-resistance, the EnduroMax panel is designed to withstand minor collisions and vandalism incidents.

EnduroMax panels have passed rigorous testing for impact resistance and strength.

- **Roadway compliant**
- **Ultra high impact resistance**
- **Vandal resistant**
- **Superior acoustic performance**
- **Panel spans up to 4.2 metres**
- **More cost-effective and easier installation in comparison to concrete**



Rw Rating	31
Density (kg/m ²)	30.50
Fire (BAL)	BAL40
Panel thick. (mm)	75, 100, 150
Panel length (mm)	up to 4200
Panel width (mm)	600, 900, 1200
Wind Region	A, B, C & D



AcoustiSorb™

Sound absorbing
panels

Sound absorbing wall for loading dock

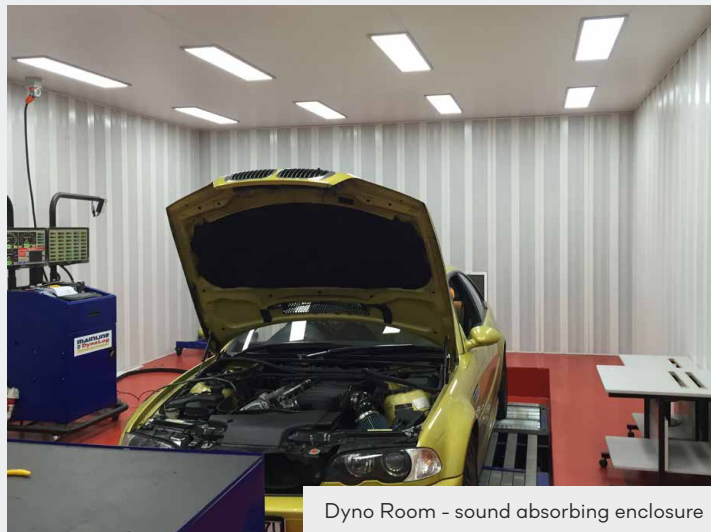


AcoustiSorb is a composite, all-in-one noise absorption barrier, specifically designed to overcome strict NRC requirements. It is the highest performing lightweight, modular product of its kind, and is simple and easy to install.

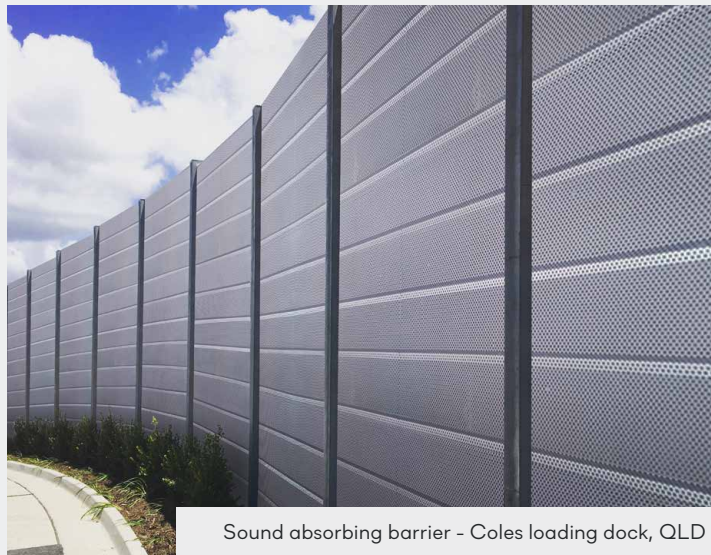
Designed to meet some of the toughest acoustic pollution challenges, the robust design of the AcoustiSorb panel makes it ideal for sound insulation in noise-intensive environments such as road and rail corridors, loading docks, around heavy machinery or generators.

The perforated aluminium outer skin panel enhances the ability of the core material to absorb sound, enabling it to achieve an NRC rating in excess of 0.9.

- **Suitable for external and internal applications**
- **Pre-finished aluminium body ensures 50+ year design life**
- **Environmentally friendly materials and construction**
- **Tune panel performance by introducing a plank to customise your RW rating**
- **Lightweight and impact resistant**

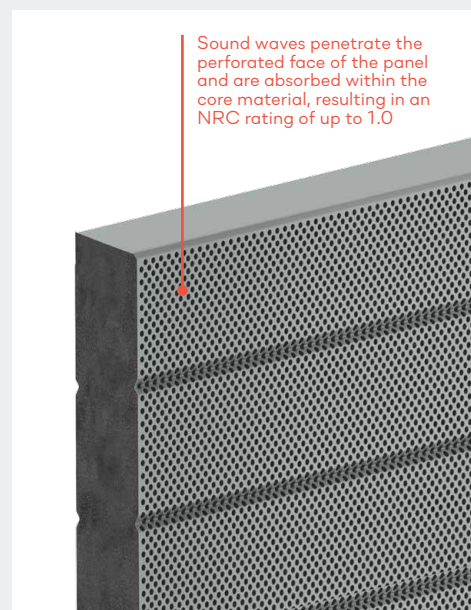


Dyno Room - sound absorbing enclosure



Sound absorbing barrier - Coles loading dock, QLD

Panel Type	75mm	100mm
Rw Rating (tuneable)	29 -34	34 - 45
Density (kg/m ²)	14.32	14.72
Fire (BAL)	BAL29	BAL29
Panel thickness (mm)	75	100
Panel length (mm)	up to 4000	up to 4000
Panel width (mm)	600	600
Wind Region	A, B, C & D	A, B, C & D
NRC Rating	0.90	1.0



MicraLine™

Steel skinned panels

Entrance ramp at Leichhardt Market Place - Leichhardt, NSW

MicraLine is a lightweight, pre-finished panel that is ideal for commercial applications requiring an aesthetically pleasing acoustic barrier that can be installed quickly.

The composite panel has a textured, roll-front steel exterior that is pre-finished.

The lightweight modular design of the MicraLine panel also makes it easy to handle and quick to install. It's an ideal option for situations requiring a pre-finished product that can be rapidly assembled, and makes for an excellent internal wall, roof top enclosure or sound enclosure for generators.

- **Pre-finished to a standard range of colours**
- **Lightweight**
- **Panel spans up to 4.0m**

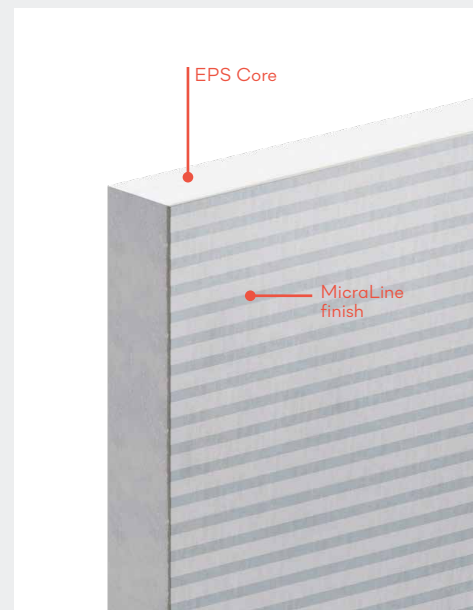


Sydney Trains Railway Corridor - Dulwich Hill, NSW



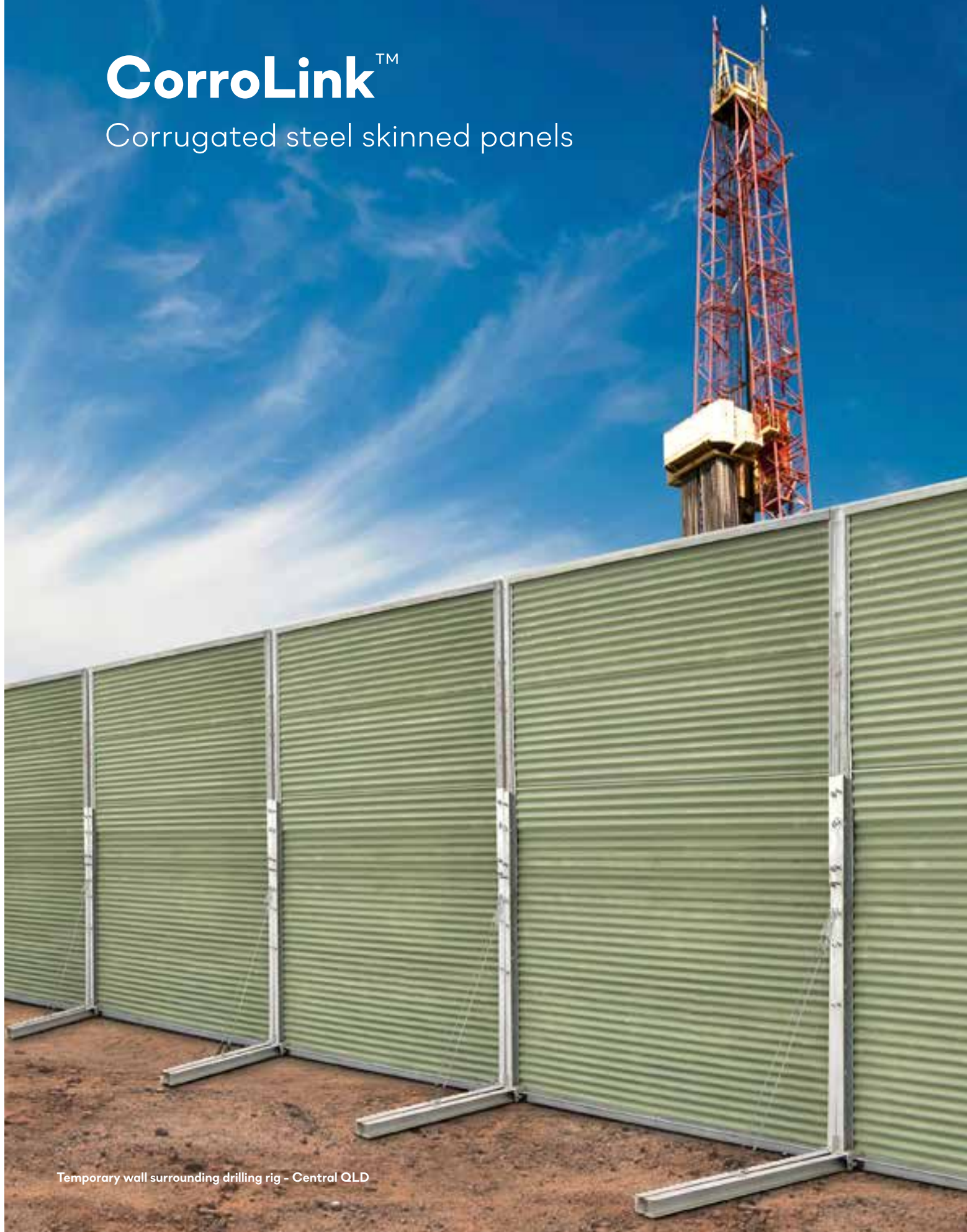
BP Service Station boundary wall

Rw Rating	23
Density (kg/m ³)	8.45
Fire (BAL)	BAL29
Panel thick. (mm)	50 & 75 (typical)
Panel length (mm)	up to 4000
Panel width (mm)	1200
Wind Region	A, B & C



CorroLink™

Corrugated steel skinned panels



Temporary wall surrounding drilling rig - Central QLD

The CorroLink panel is a steel-exterior acoustic panel that is ideal for those commercial applications that require resilient noise walls with an imposing, heavy-duty appearance. The lightweight, pre-finished panel has a profiled steel skin.

The CorroLink panel is also impact resistant, making it an ideal option for those applications where bumps and knocks are expected. It is an excellent option for mining, processing and manufacturing facilities, where developers need a resilient acoustic wall that looks tough and is easy to install.



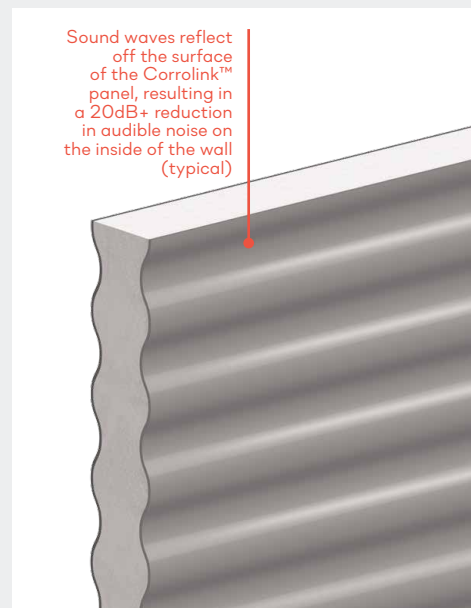
Origin Energy - Central QLD

- **Pre-finished to a standard range of colours**
- **Lightweight**
- **Highly impact resistant**
- **Panel spans up to 6.0m**



Lend Lease - Barangaroo, NSW

Rw Rating	25
Density (kg/m ³)	8.70
Fire (BAL)	BAL29
Panel thick. (mm)	40 & 75 (typical)
Panel length (mm)	up to 6000
Panel width (mm)	800 typical
Wind Region	A, B, C & D



RESIDENTIAL WALL & FENCE COLLECTIONS



SLIMWALL™

Panel thickness

50mm

Post options

Classic: 90mm x 90mm

Aluminium: 75mm x 75mm

Height

Classic: Up to 2.1m

Aluminium: Up to 2.1m



VOGUEWALL™

Panel thickness

75mm

Post options

Classic: 250mm x 150mm

Aluminium: 100mm x 100mm

Height

Classic: Up to 3.0m

Aluminium: Up to 2.4m



ESTATEWALL™

Panel thickness

100mm

Post options

Classic: 350mm x 235mm

Height

Classic: Up to 3.0m



SlimWall™

Our most cost effective wall



SlimWall with Classic post



SlimWall boundary wall for pool area

With lightweight composite panels and posts, SlimWall has a sleek and modern design that can seamlessly match the existing style of any home. As Australia's fastest growing fencing product, SlimWall can transform your garden into a stylish outdoor oasis.

- Proven acoustic performance
- Extremely cost-effective
- Durable, lightweight modular construction
- Quick and easy installation
- Easily customised
- Exposed joint option available
- Available with either our Classic or Aluminium post

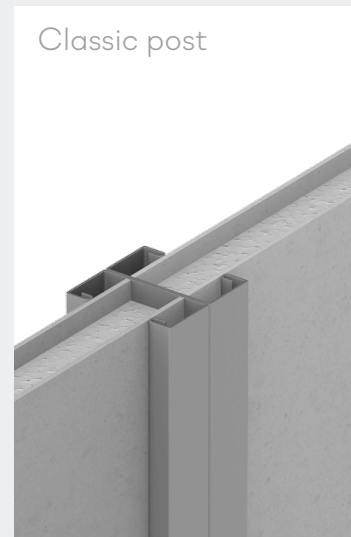


SlimWall with Classic post

Aluminium post



Classic post



Available heights: Up to 2.1m

Panel thickness: 50mm

Wall capping: Flush finish

Post capping: Flush finish

Aluminium post:

75mm (face) x 75mm (depth)

Classic post:

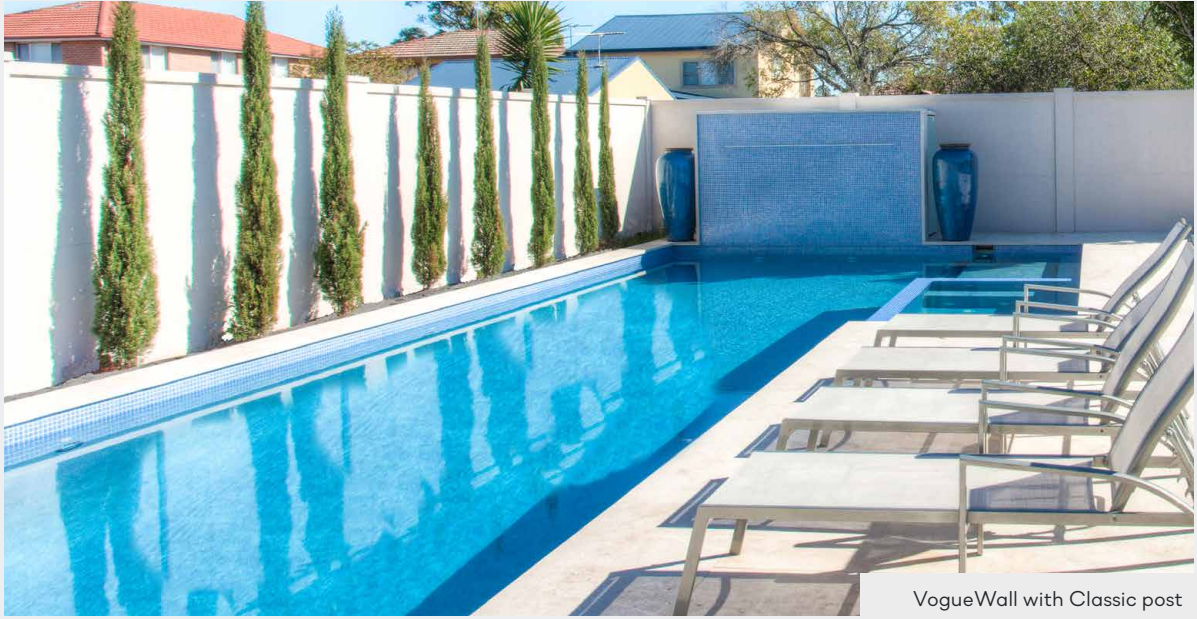
90mm (face) x 90mm (depth)

Retaining: up to 500mm (at 2.5kpa)

VogueWall™

Our most popular wall

VogueWall with Classic post



VogueWall with Classic post

VogueWall is designed to closely mirror the dimensions of a single brick wall with piers. It is our most popular wall style as it is so versatile. Whilst decorative in its own right, VogueWall will make a statement as a front wall, but is also the perfect solution for a boundary wall, feature wall, privacy wall or acoustic barrier.

- Offers superior noise reduction qualities
- Customise with lighting, letterboxes, slats and gates
- Rated for all wind regions in Australia.
- Expressed joint option available
- Available with either our Classic or Aluminium post



VogueWall with slats and gate

Available heights:

Up to 3.0m (Classic post)

Up to 2.4m (Aluminium post)

Panel thickness: 75mm

Wall capping: Flush or external finish

Post capping: Flush or external finish

Aluminium post:

100mm (face) x 100mm (depth)

Classic post:

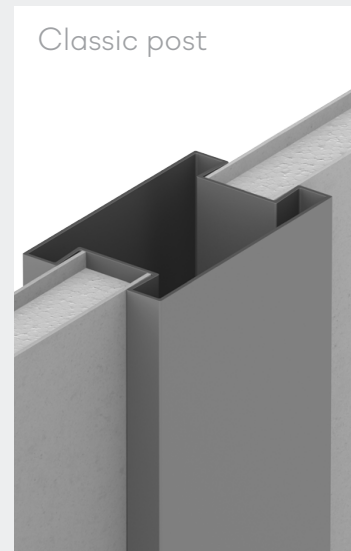
250mm (face) x 150mm (depth)

Retaining: up to 750mm (at 2.5kpa)

Aluminium post



Classic post

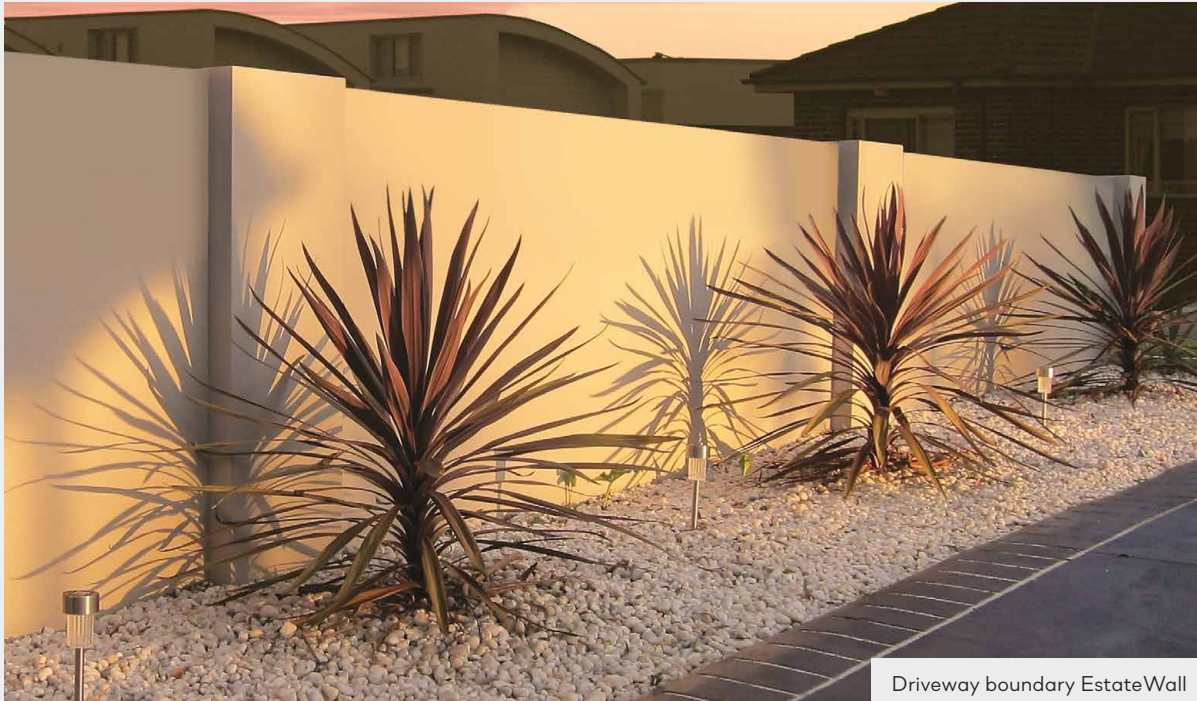


EstateWall™

Make a statement with our most premium wall



EstateWall with slats and customised driveway gate



Driveway boundary EstateWall

EstateWall is designed to closely mirror the dimensions of a brick wall with large piers. It is a premium option and ideal for decorative front walls that make a grand statement.

It best suits front walls, premium boundary walls, acoustic walls and security perimeters. Acoustically tested and rated as a sound barrier.

- **Offers superior noise reduction qualities**
- **Easily mount a letter box into the post or panel**
- **Add lighting and gates for secure boundaries**
- **Add decorative slat infills if desired**
- **Rated for all wind regions in Australia.**
- **Can retain up to 750mm**
- **Expressed joint option available**

Available heights: Up to 3.0m

Panel thickness: 100mm

Wall capping: Flush or external finish

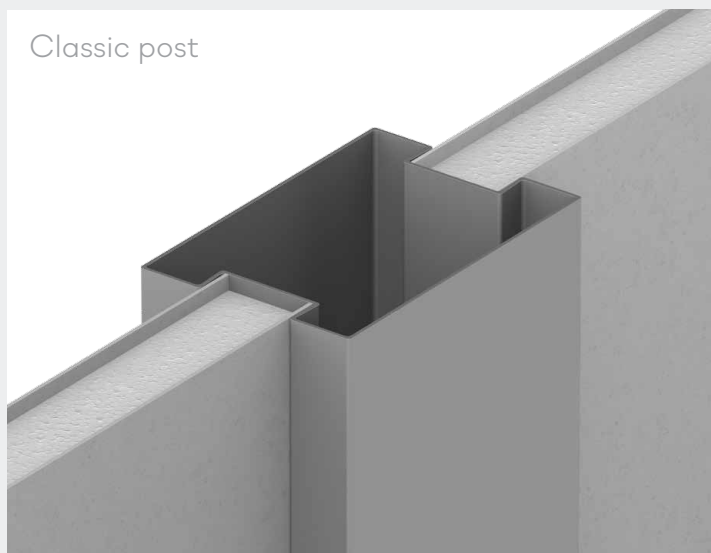
Post capping: Flush or external finish

Post: 350mm (face) x 235mm (depth)

Retaining: up to 750mm (at 2.5kpa)



EstateWall retaining



MODULARWALLS - THE SUPERIOR ALTERNATIVE

A Modular Wall provides better aesthetics and superior performance capabilities relative to traditional walls and fences - but at a more affordable price.

Highly acoustic, fast to install, easy to maintain, and great to look at - it is not surprising that ModularWalls is experiencing strong demand right throughout Australia.



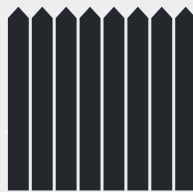
Estate Wall with customised gate



Simply a better alternative...

ModularWalls products have been designed and manufactured in Australia, for Australian conditions. Our range of boundary wall solutions compare favourably to other traditional fence and wall alternatives.

ModularWalls v timber fencing:



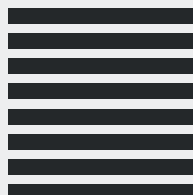
- ✓ Superior aesthetics
- ✓ Better acoustic performance
- ✓ Will not rot or discolour
- ✓ Much longer design life

ModularWalls v metal fencing:



- ✓ Superior aesthetics
- ✓ Better acoustic performance
- ✓ Panels will not rust
- ✓ More versatile

ModularWalls v slatted fencing:



- ✓ Better acoustics and privacy
- ✓ Stronger structure
- ✓ Greater durability
- ✓ More economical

ModularWalls v brick walls:



- ✓ Significantly more affordable
- ✓ Will not crack over time
- ✓ Easier and faster to install
- ✓ No strip footings required



SA
AQUATIC
& LEISURE CENTRE

Barrier Wall with AcoustiMax panels



Installation

ModularWalls have an in-house team who oversee the whole installation project. Because our team is in-house, we guarantee a seamless transition from design approval through to product manufacture and final installation.

The ModularWalls team have managed design and installations for some of Australia's largest companies in regions as harsh and remote as Karratha, WA (Wind region D). We have an experienced team of accredited and licensed commercial installers with a proud record of zero site hours lost through injury. With extensive tier 1 and mining site experience we offer a complete and seamless service from concept through to delivery.

Design & Engineering

ModularWalls engineering designers will assist contractors in completing a project on time and on budget, using the latest and most up to date computer programs to design and model your complete wall and footing solution. Using leading edge structural analysis engineering software, we design and construct the most robust structures from the ground up to ensure your project is completed as cost effectively as possible.



MODULAR WALLS

15,000 SUCCESS STORIES AND COUNTING...

modularwalls.com.au

1300 556 957

