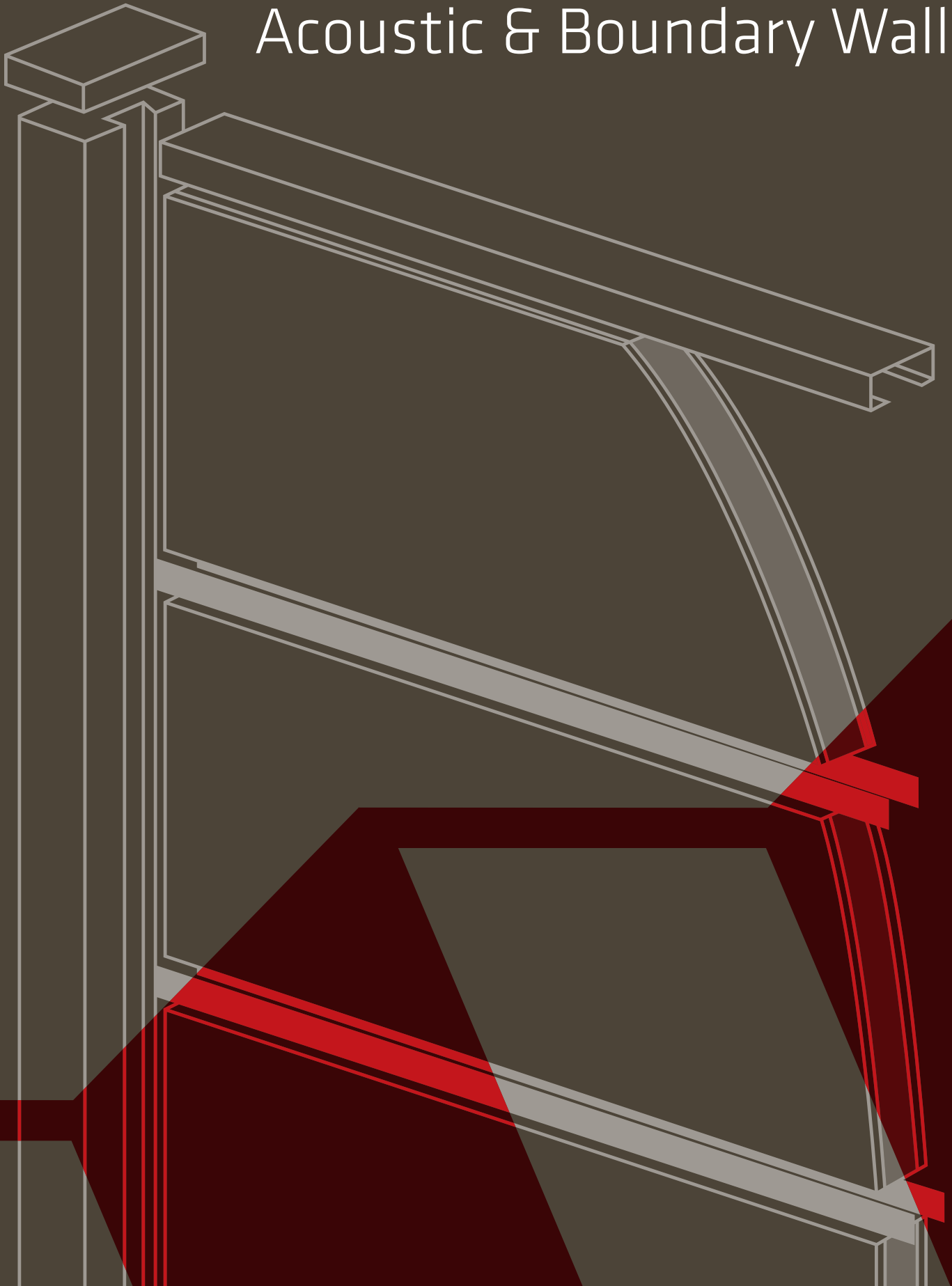
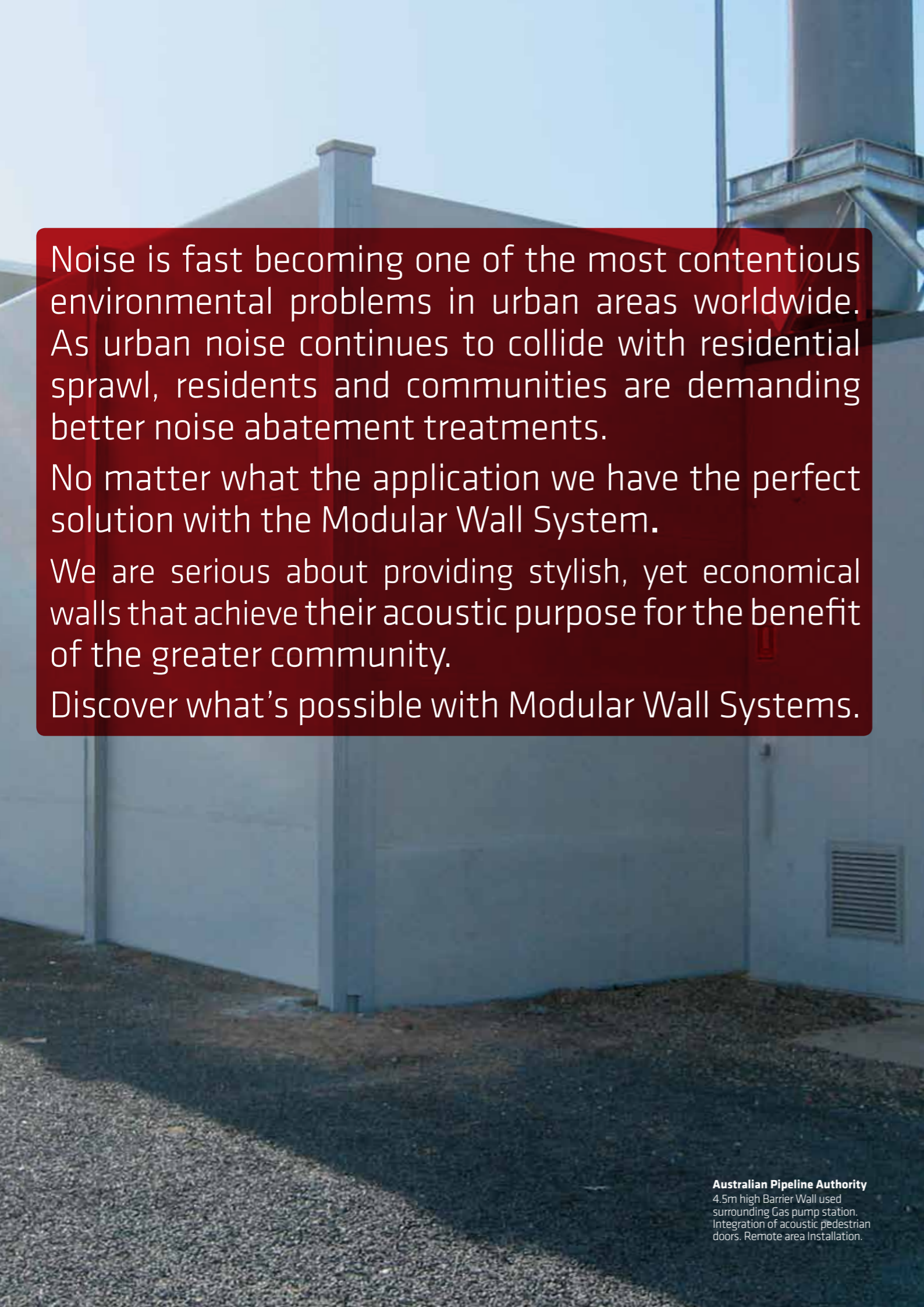




Modular Wall
systems™

Acoustic & Boundary Walls





Noise is fast becoming one of the most contentious environmental problems in urban areas worldwide. As urban noise continues to collide with residential sprawl, residents and communities are demanding better noise abatement treatments.

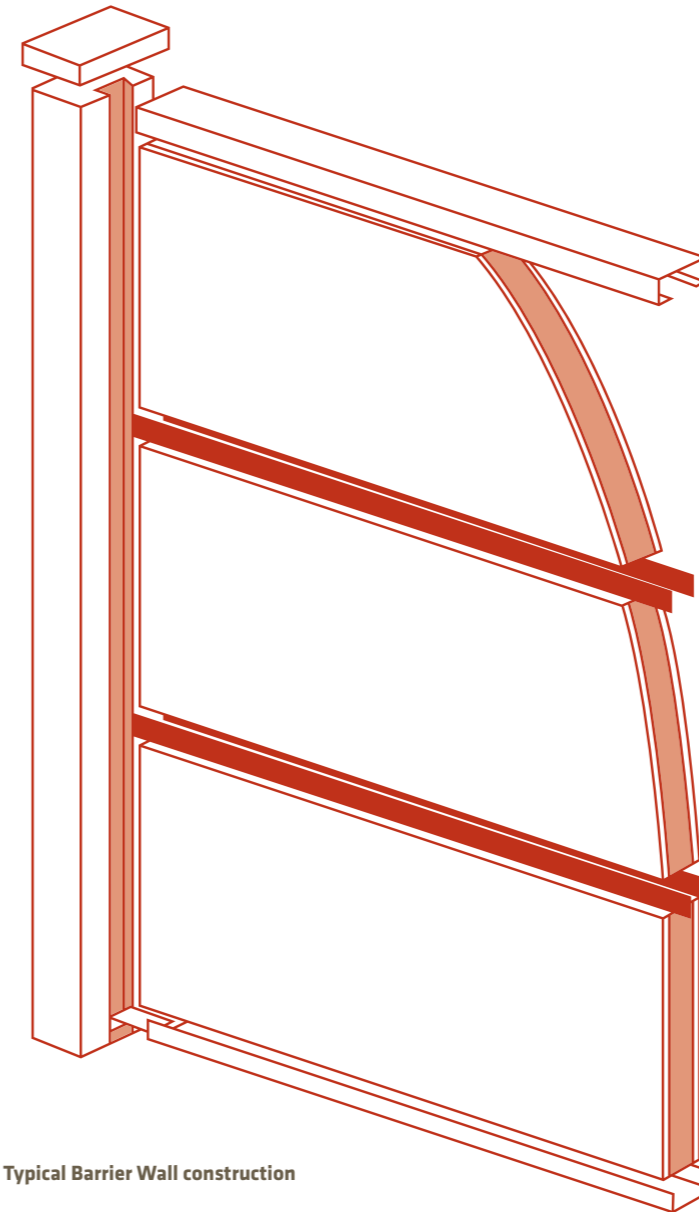
No matter what the application we have the perfect solution with the Modular Wall System.

We are serious about providing stylish, yet economical walls that achieve their acoustic purpose for the benefit of the greater community.

Discover what's possible with Modular Wall Systems.

Australian Pipeline Authority
4.5m high Barrier Wall used surrounding Gas pump station. Integration of acoustic pedestrian doors. Remote area Installation.

The Modular Wall System



Typical Barrier Wall construction

The Modular Wall is a light weight wall system designed to replicate the look of a rendered masonry wall. The design allows the user to economically and quickly erect a wall that requires less infrastructure support.

Comprised of composite fibre cement sandwich panels supported by a unique post system. When erected the wall displays amazing brick like strength.

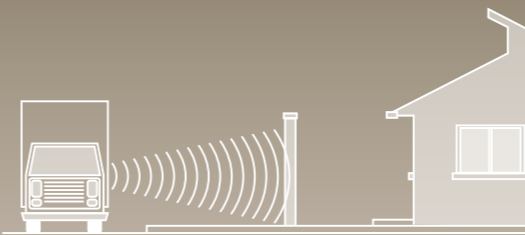
Some advantages are:

- No need for expensive strip footings.
- Our composite sandwich panels are lightweight and super strong, any expansion and movement can take place within the unique post system meaning the wall will never crack.
- Modular construction means there is no wastage of materials with minimum site disturbance during installation.
- National Acoustic Laboratory tested and rated
- Wind rated up to Category D.

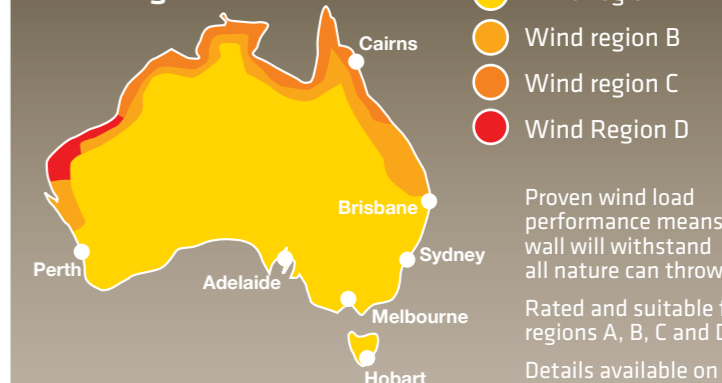
Not only are we the inventors and manufacturers of the Modular Wall System but we are also able to design a solution that is specifically tailored to your requirements. We can then project manage the entire process for you, from manufacture to site installation.

Sound Reduction Qualities

Keep traffic, construction noise or the neighbours at bay with Modular Wall Systems. **National Acoustic Lab tested and rated.** Details available on request.



Wind Regions



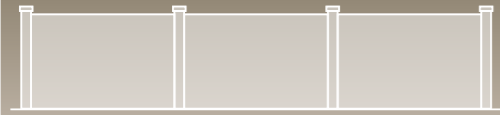
Residential Walls



Estate wall
With Ali wood slat gate and internal lighting

Contemporary Wall

Our slimest and most cost effective wall option.
Wall Heights: 0.6m up to 2.1m
Panel Span/Post centres: 2.5m or 2.8m
Post Width: 150mm

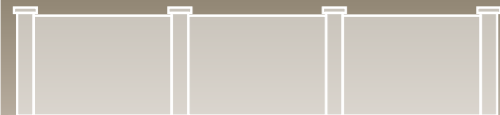


Add value to Residential homes with a light weight wall system that's designed to replicate the look of a rendered masonry wall, without the cost and hassles.

The Modular Wall System is comprised of composite fibre cement sandwich panels supported by a unique post system. The post system holds the panels in a rigid position whilst allowing room for expansion or movement internally within the post and will never crack. When erected the wall displays amazing brick like strength.

Traditional Wall

Mirrors the dimensions of a single brick wall with piers
Wall Heights: 0.6m up to 3.0m
Panel Span/Post centres: 2.6m, 2.9 or 3.2m
Post Width: 250mm



The wall is completely modular which ensures close to zero wastage, saving costs and almost completely eliminating mess during construction.

Perfect for boundary walls, estate front fences and feature walls. All panels are internally recessed to accept wiring for lighting, sound or security.

Estate Wall

Mirrors the dimensions of a single brick wall with large piers
Wall Heights: 0.6m up to 3.0m
Panel Span/Post centres: 2.7m, 3.0 or 3.3m
Post Width: 350mm



Slats and Gates

Integrate seamlessly with the wall system
Slats typically 65mm x 15mm – spacings to suit
Pedestrian Gates - Solid panel or slatted solutions available



- Strong and Durable – Super high impact resistance
- **ACOUSTICALLY RATED** – Ideal for noise reduction from busy roads
- Factory installed or simple DIY kits
- Fast Construction times
- Minimal site disturbance
- Add designer slat infills, gates or a letterbox
- Paint, texture or render finish for the ultimate 'WOW' experience

Fast installation. Quality finish,
precision engineering

Commercial Walls



McDonalds Australia
Acoustic & Perimeter Security Walls.
Primarily used for Drive Through's to lower the noise level for surrounding residents

Get privacy, security and noise insulation for your commercial premises with an aesthetically pleasing, functional barrier wall, without the high construction costs.

With over 4000 projects completed Modular Wall Systems are clearly the industry leaders for innovative acoustic solutions. Our completely Australian designed and manufactured wall system comprises composite fibre cement sandwich panels supported by a unique post system.

As the manufacturer we can work with you to tailor a 'site specific' solution to meet your exact requirements with minimal lead time.

- Proven acoustic performance (National Acoustic Laboratory tested)
- Light weight construction
- Quick and easy installations with no need for large machinery or lifting equipment
- Speed of construction allows it to be one of the most cost effective sound barrier systems available
- Difficult locations - Due to the light weight properties of the components, remote locations and / or difficult sites can be readily serviced
We have engineered and built walls in locations as environmentally harsh and remote as Karratha (wind region D) W.A
- Availability - Minimal lead-time requirements.
- Aesthetics - Superior finishing options and quality. The Modular Wall has the same pleasing appearance on the back as the front
- Heights above 4.5m possible upon request

Acoustic & Boundary Walls
without the cost

Acoustic Wall to 3m

Manufactured to suit acoustic performance
Wall Heights: 0.6m up to 3.0m
Panel Span/Post centres: 2.6 m, 2.9 or 3.2m
Post Width: 250mm



Barrier Wall

Super strong post system achieving greater wall heights with acoustic panel walls
Wall Heights: 3.0 up to 4.5m. Taller walls designed specifically on request
Panel Span/Post centres: 2.5m or 2.8m
Post Width: 150mm



Gates

Solid Panel sliding or hinged gates
Maintain access with acoustic integrity
Complete kits including hinges and latches or tracks and rollers



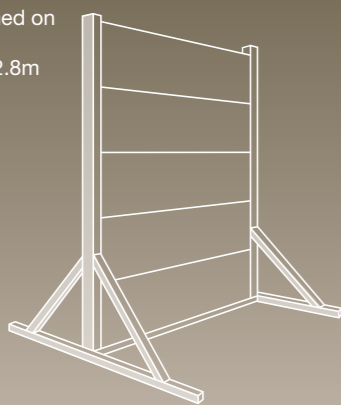
Temporary Noise walls



BHP Illawarra Coal
Temporary Sound wall 240m x 3.0m high, to protect nearby residents from moving drilling platform.

Temporary Sound Wall

Freestanding, re-locatable units.
Lightweight acoustic and visual barrier.
Wall Heights: 1.8m to 4.5m.
Taller Walls designed on request.
Unit Span: 2.5m, 2.8m or 3.1m



Construction noise is one of the major environmental issues Australia wide - not only from building works but also from demolition, remediation and renewal; the maintenance and upgrades of services like water, power and telecommunications; New Liquefied Natural Gas (LNG) developments; along with temporary mining and drilling operations. All these projects challenge the boundaries of acceptable noise levels, particularly where work sites are located close to residences during construction or development.

Modular Wall Systems Temporary Noise Walls focus on applying a range of solutions most suited to minimise construction noise impacts. While some noise from construction sites is inevitable, our aim is to protect the majority of residences and other sensitive land uses from noise pollution.

Through extensive research and development and in consultation with major mining companies MWS developed the Temporary Sound Wall. It is lightweight, extremely easy to manoeuvre and has excellent noise mitigation qualities.

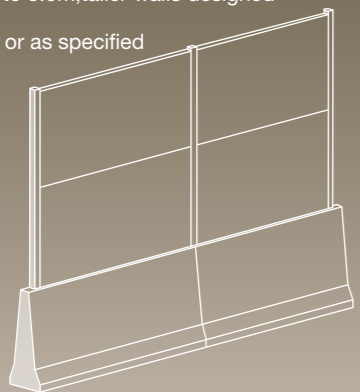
Our Jersey Kerb wall comprises our Modular Acoustic Wall Panel coupled with a standard F-Type or A-Type Kerb for a robust solution in high traffic areas. Durable and structurally sound these Kerb walls can be used many times over.

- Superior finishing options and quality, a terrific visual barrier
- Our barriers also provide outstanding sediment control
- From design and manufacture, through to delivery. MWS provide a comprehensive turnkey operation
- Purchase or Hire* to suit your requirements
- Proven acoustic performance (National Acoustic Lab tested and rated)
- Cost effective, little to no disruption to your programmed works
- Re-locatable

* Conditions Apply

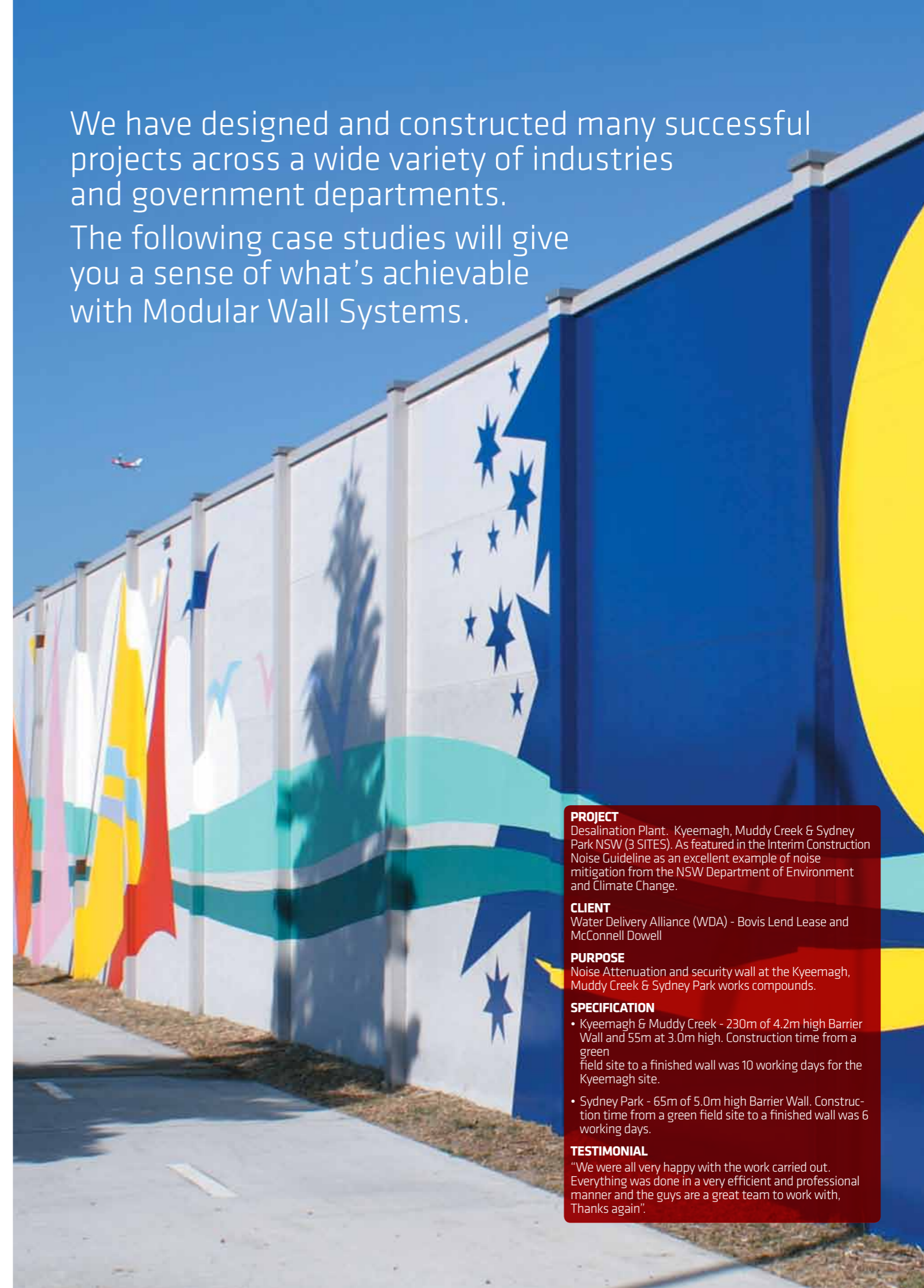
Kerb Wall

Acoustic panels integrated with standard F-Type or A-Type Kerbs
Robust acoustic and visual barrier
Wall heights: up to 3.0m, taller walls designed on request
Unit Span: 3.0m or as specified



We have designed and constructed many successful projects across a wide variety of industries and government departments.

The following case studies will give you a sense of what's achievable with Modular Wall Systems.



PROJECT

Desalination Plant. Kyeemagh, Muddy Creek & Sydney Park NSW (3 SITES). As featured in the Interim Construction Noise Guideline as an excellent example of noise mitigation from the NSW Department of Environment and Climate Change.

CLIENT

Water Delivery Alliance (WDA) - Bovis Lend Lease and McConnell Dowell

PURPOSE

Noise Attenuation and security wall at the Kyeemagh, Muddy Creek & Sydney Park works compounds.

SPECIFICATION

- Kyeemagh & Muddy Creek - 230m of 4.2m high Barrier Wall and 55m at 3.0m high. Construction time from a green field site to a finished wall was 10 working days for the Kyeemagh site.
- Sydney Park - 65m of 5.0m high Barrier Wall. Construction time from a green field site to a finished wall was 6 working days.

TESTIMONIAL

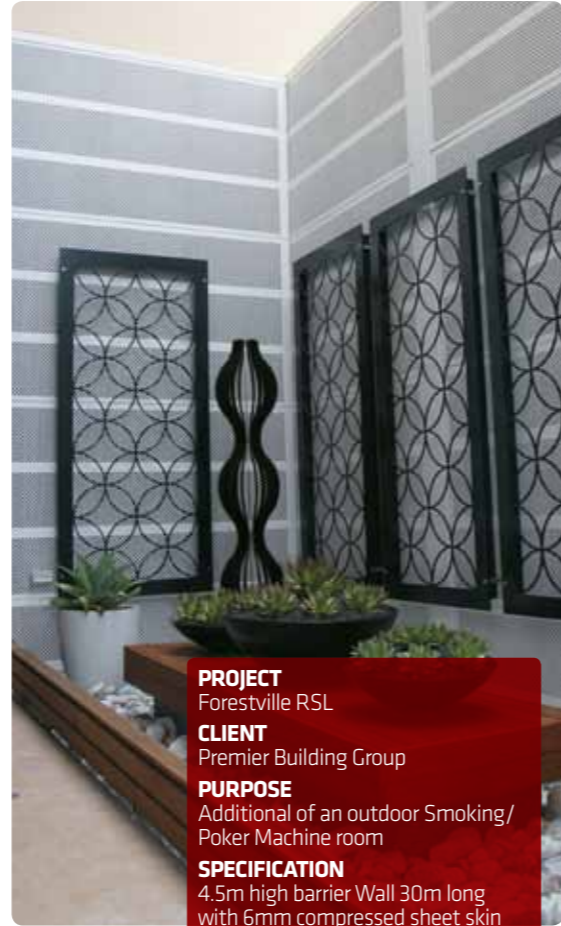
"We were all very happy with the work carried out. Everything was done in a very efficient and professional manner and the guys are a great team to work with. Thanks again".

PROJECT
Hellam Health Care

CLIENT
Whitcon Constructions and AMP Trust

PURPOSE
Acoustic attenuation, security and maintaining general amenity.

SPECIFICATION
2.7m – 3m high Traditional wall
105m long. Completed within 7 days.



PROJECT
Forestville RSL

CLIENT
Premier Building Group

PURPOSE
Additional of an outdoor Smoking/ Poker Machine room

SPECIFICATION
4.5m high barrier Wall 30m long with 6mm compressed sheet skin panel with Noise absorption lining integration to meet higher acoustic requirements.

“National Acoustic laboratory tested and rated. Now deemed to comply with Cyclonic Wind Regions”

PROJECT
Burpengary Interception

CLIENT
Walton Constructions

PURPOSE
Sound Barrier Wall for Weigh Station Offices

SPECIFICATION
3.6m high Barrier Wall



PROJECT
Forest Hwy Noise Wall (Perth/Bunbury Freeway)

CLIENT
Main Roads WA/Southern Gateway Alliance

PURPOSE
Provide noise abatement to surrounding rural properties

SPECIFICATION
1.3km long 1.8m high Noise Wall

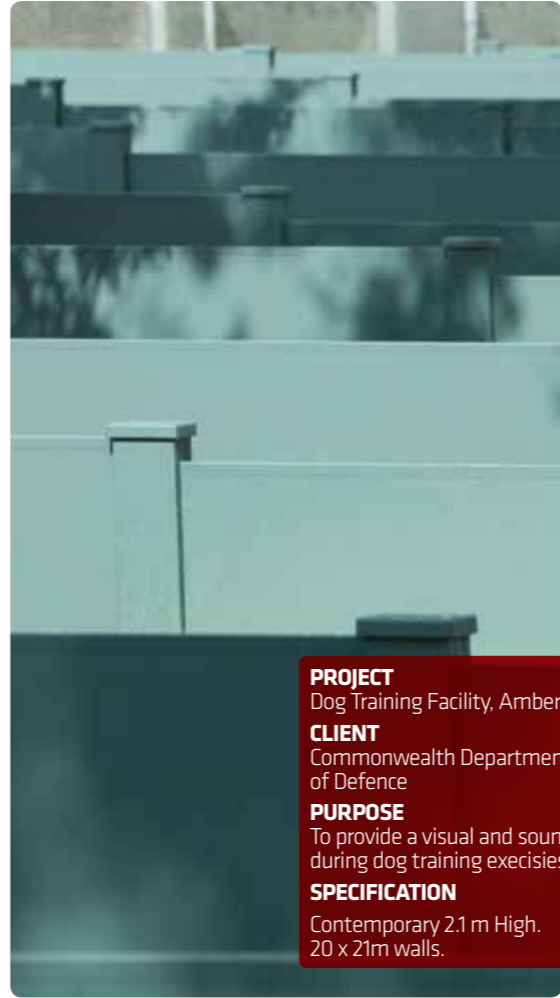


PROJECT
Mt Annan Marketplace

CLIENT
Commercial Industrial Contractors Pty Ltd

PURPOSE
Noise abatement of shopping centre loading dock.

SPECIFICATION
3.6m high Barrier wall x 85m long with 9mm compressed sheet skin panels and graffiti coating.



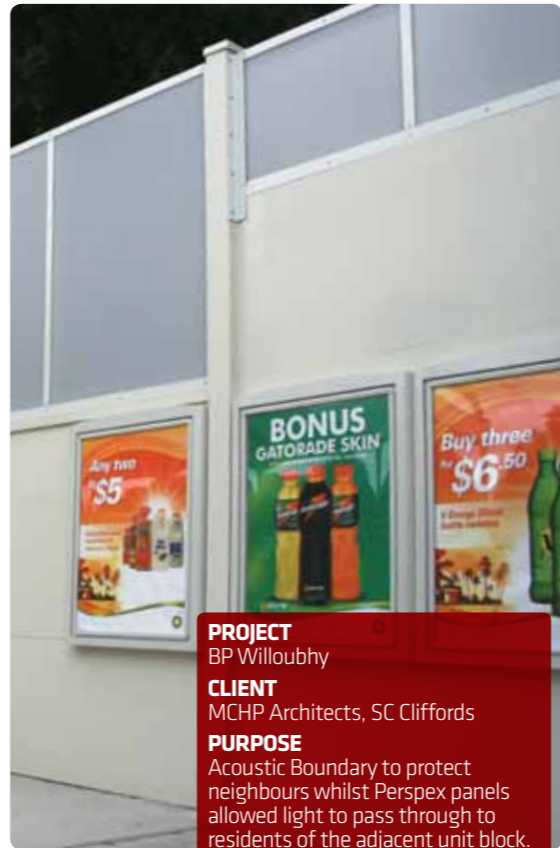
PROJECT
Dog Training Facility, Amberley

CLIENT
Commonwealth Department of Defence

PURPOSE
To provide a visual and sound barrier during dog training exercises

SPECIFICATION
Contemporary 2.1 m High. 20 x 21m walls.

“Modular walls have reduced noise (in excess of 25dB) as well as making substantial improvements to the general amenity and sediment control of the area. A good result for the environment” Energy Australia



PROJECT
BP Willoubhy

CLIENT
MCHP Architects, SC Cliffords

PURPOSE
Acoustic Boundary to protect neighbours whilst Perspex panels allowed light to pass through to residents of the adjacent unit block.

SPECIFICATION
4.5 m high Barrier Wall 50m long

PROJECT
Deakin University, Burwood Campus

CLIENT
BRB Modular

PURPOSE
Acoustic screen, safety and general amenity

SPECIFICATION
2.4m high barrier Wall for 2 Plant enclosure screens. Core drilled construction method onto slab. Acoustic panel door integration.



PROJECT
Stanhope Parkway

CLIENT
Cardno on behalf of Landcom

PURPOSE
Noise attenuation for new land release estate

SPECIFICATION
1.8m tall Contemporary wall 130m long with the ability to apply commissioned artwork by local artists to the panel surface



PROJECT
SA Aquatic & Leisure Centre

CLIENT
Candetti Constructions

PURPOSE
Security and Perimeter wall providing highly architectural bespoke design using our innovative products for a low cost solution

SPECIFICATION
Pier system to specific engineers requirements. High Barrier Wall with a high end finish.



PROJECT
Temporary sound wall during the construction of an electrical sub-station.

CLIENT
Energy Australia

PURPOSE
To protect local residents from the noise of construction and night works.

SPECIFICATION
2.4m tall wall x 100m long built to be mounted on a 1m high concrete jersey kerb.



PROJECT
Melbourne DIY

CLIENT
Private resident

PURPOSE
Transform a drab backyard into a showpiece

SPECIFICATION
2.1m high Court yard perimeter, Contemporary and Estate Piers used with added lighting

PROJECT
McDonalds Resturants Australia

CLIENT
McDonalds Australia's registered Contractors

PURPOSE
Acoustic & Perimeter Security Walls, primarily for Drive Thru lowering the noise level for surrounding residents and allowing 24 hour operation.

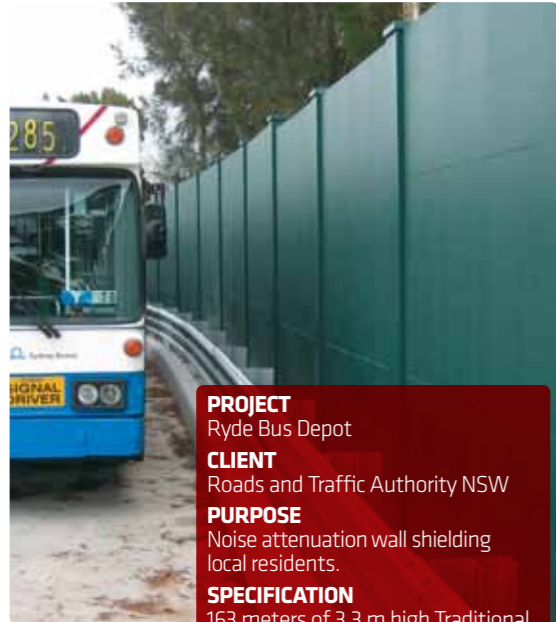


PROJECT
Ryde Bus Depot

CLIENT
Roads and Traffic Authority NSW

PURPOSE
Noise attenuation wall shielding local residents.

SPECIFICATION
163 meters of 3.3 m high Traditional Wall with special base plate footing design to existing slab. Including 6m sliding gate specified.





1300 556 957

FACTORY BACKED PRODUCT WARRANTY



Modular Wall
systems

www.modularwalls.com.au