

Masonry Alternate Residential Wall & Fence Systems



Modular Wall
systems™

Residential

Why Modular Wall Systems™?

The grand visual appeal associated with brick rendered walls can be recreated with Modular Wall Systems™ using a range of stylish designs including the grand EstateWall™, the most cost effective TrendWall™ or the popular VogueWall™.

Modular Wall Systems™ is not only faster, easier and less expensive to install, but visually provides the same high-end appearance when compared to a traditional masonry wall. Furthermore, it also comes with the acoustic benefit of a 20+dB reduction in audible noise (typical). The modern modular post and panel system can be installed in a matter of days and requires no strip footings, specialised skills or heavy machinery.

Cost Effective

With the surge in demand for bricks and the increasing cost of bricklayers, many homeowners are looking to alternative wall solutions, like Modular Wall Systems™, to emulate the look of masonry rendered walls. This saves renovators from dealing with the high costs and hassles associated with masonry construction, and can eliminate the need to apply for council approval.

Reduce Neighbourhood & Road Noise

The Modular Wall System™ has been National Acoustic Laboratory tested and rated. Typically, you can expect up to a fourfold audible reduction in traffic noise - reducing noise up to 4 times existing noise levels. Keeping both the traffic and the neighbours at bay.

Private & Secure

Whether you're screening off a section of your garden or a freeway, its solid, high impact resistant with standard heights available from 900mm up to 3000mm. Experience the security and benefits of a masonry wall at a fraction of the price.

Versatile

Perfect for boundaries as well as low front walls, the Modular Wall System™ allows you to choose your own tailored finish from a simple acrylic paint to a Tuscan style render. Whatever the style of your home, be it Federation, ultra modern or anything in between there is a style and finish to suit. Why not enhance your wall with other materials such as aluminium or timber slats, pickets or wrought iron to add a truly individual look. Add a stone clad feature, lighting effects, audio or security systems. All walls are internally recessed to accept wiring for a number of services.

Strong & Durable

Composite panel technology provides a panel that is strong, lightweight, will not rot, warp or corrode. Virtually maintenance free, the 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.

100% Australian designed & manufactured

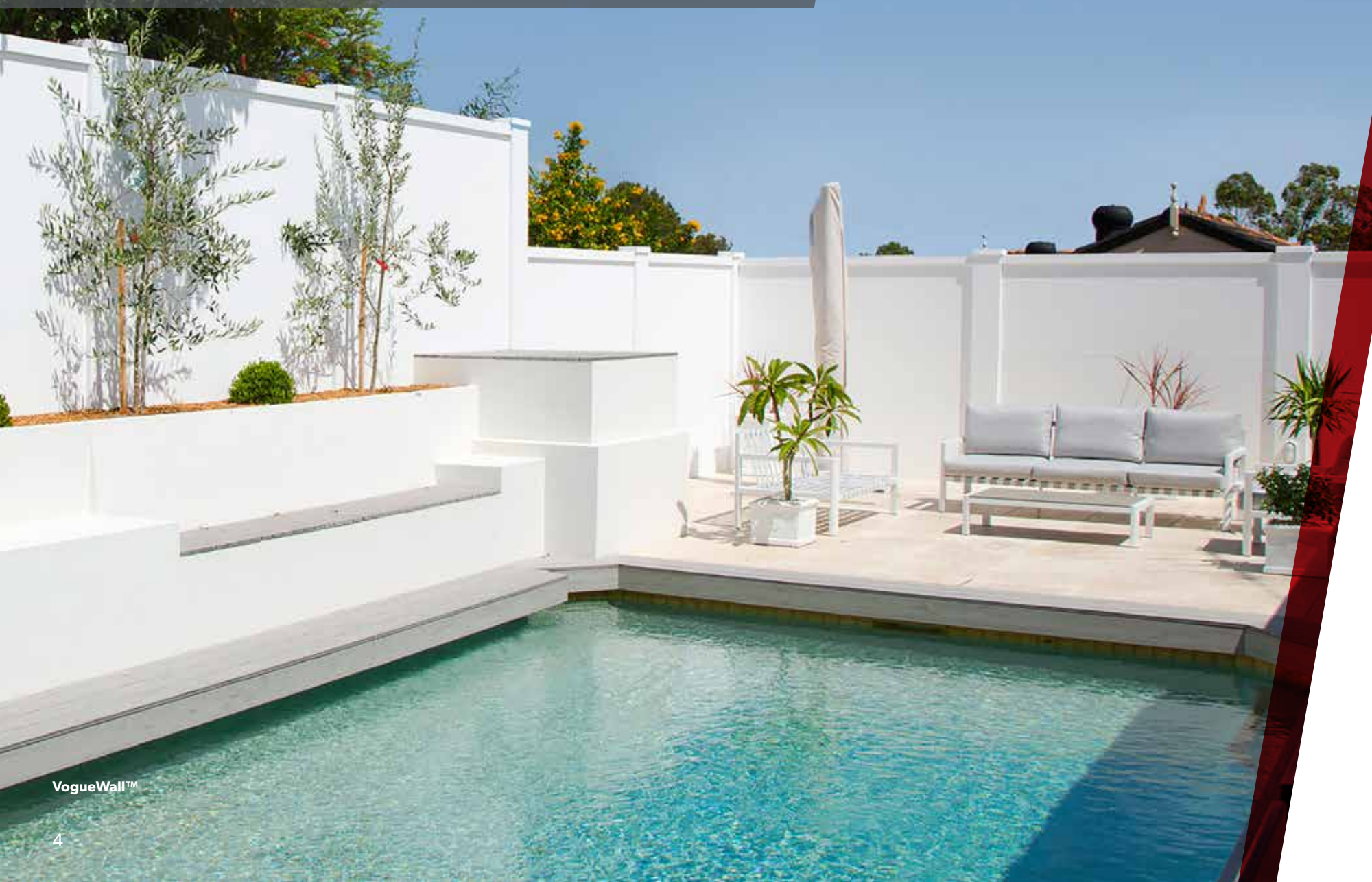
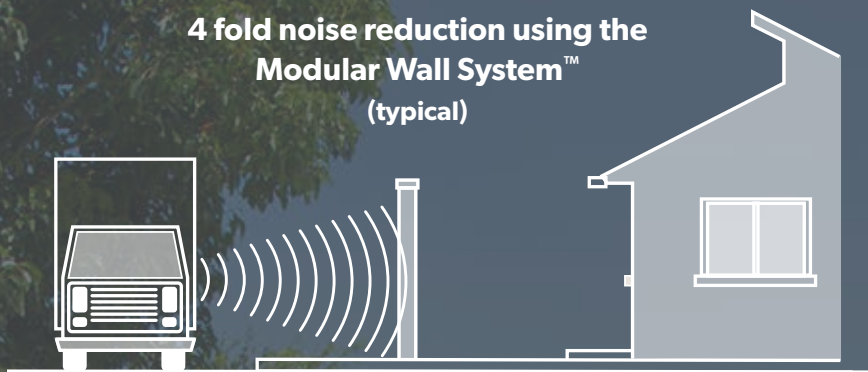


Peace & Quiet

The Modular Wall System™ has been specifically designed to insulate sound and mitigate noise.

This is achieved with our composite wall construction. On average you can expect a 20+ dB reduction in audible noise. This makes the Modular Wall System™ the perfect choice if you live against a busy road or train line transforming your home into a peaceful oasis. The Modular Wall System™ has been National Acoustic laboratory tested and rated. The results are available for download from our website. (www.modularwalls.com.au)

**4 fold noise reduction using the
Modular Wall System™
(typical)**



Do it Yourself or Have it Installed

Every residential customer has a choice to either:

DIY - Install themselves

The Modular Wall System™ has been designed with the DIY customer in mind. Installation is fast and easy, does not need the use of heavy machinery, extensive digging or specialist trades. Whilst this is not for everyone you will be supported through the process from start to finish with Head Office assistance on correct material choice and 3D drawings to guide you along the way. We also offer 7 day phone support for all DIY customers.

The installation process comprises of a few simple steps only:

Step 1. String line and mark out the ground

Step 2. Dig holes

Step 3. Concrete posts

Step 4. Measure the panel width and slide panels between posts

Step 5. Apply panel capping

Step 6. Custom finish

For more detailed installation instruction, please download the Installation Manual at www.modularwalls.com.au, or watch our installation videos.

Professional - Have your Modular Wall installed by one of our skilled Tradesman

Some people aren't so handy or simply don't have the time, that's fine. Let one of our skilled tradesman come to your site and give you a no obligation quote and site assessment.

Sometimes local knowledge with councils and ground conditions can be a great advantage to provide a seamless process. Modular Wall Systems™ offers an Australian wide network of professional installers who can come to your property and provide a free, no obligation quote.

They provide all the tools, arrange material supply and have the skills to deliver a turnkey solution from start to finish.

Our Range



TrendWall™



VogueWall™



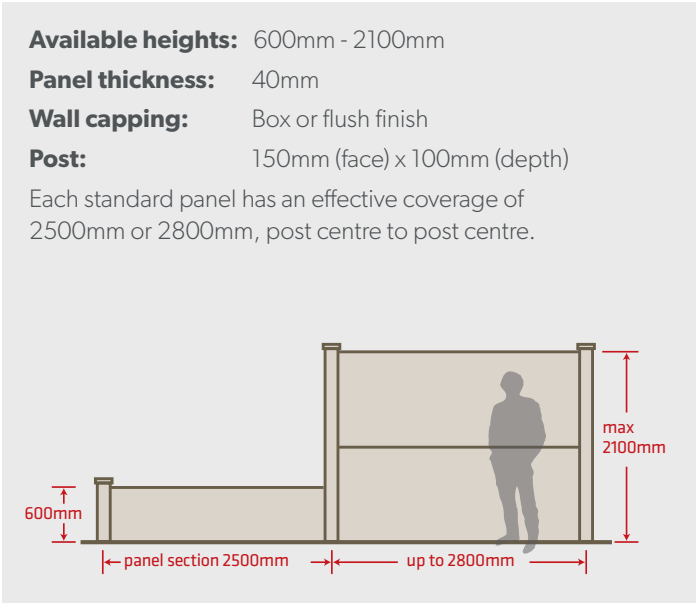
EstateWall™

TrendWall™

Our most cost effective wall

Its most common applications are for boundary walls, screening or privacy walls and feature walls. We have some beautiful examples of taller front walls too.

- Offers great noise reduction qualities
- Ideal for those tight spaces
- Easily mount a letter box into the panel
- A near flush finish across post and panel profiles
- Add lighting, gates or electrical cabling as desired



VogueWall™

Our most popular wall

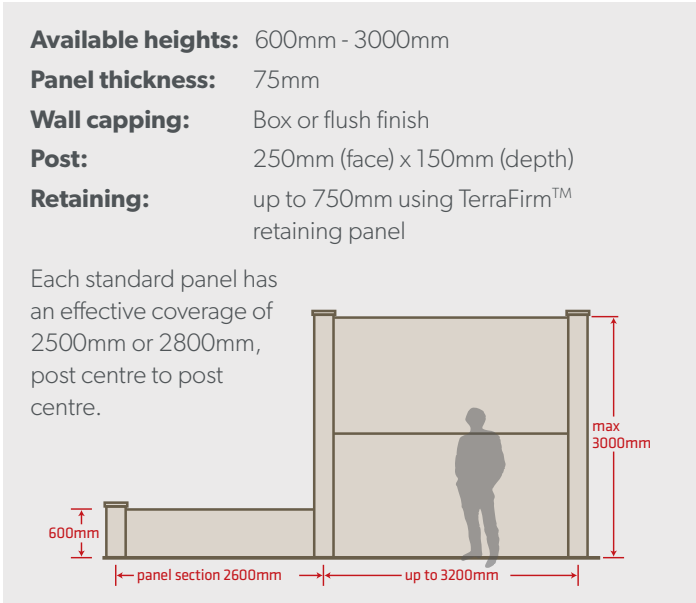
A VogueWall™ is designed to closely mirror the dimensions of a single brick wall with piers.

It is our most popular wall style as it is so versatile; Decorative in its own right to make a statement along front walls and fences but also ideal for boundary walls, feature walls, privacy walls and acoustically rated as a sound barrier.

- Offers great noise reduction qualities
- Easily mount a letter box into the post or panel
- Add lighting, gates or electrical cabling as desired
- Rated for all wind regions in Australia. Specific installation instructions will be supplied for cyclonic regions
- Can retain up to 750mm
- Express joint option available



VogueWall™



VogueWall™

EstateWall™

Make a statement with our premium wall

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

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

- Ideal for noise reduction
- Easily mount a letter box into the post or panel
- Add lighting and gates for secure boundaries
- Add decorative slat infills if desired
Great in front wall design
- Rated for all wind regions in Australia. Specific installation instructions will be supplied for cyclonic regions
- Can retain up to 750mm
- Express joint option available



Available heights: 600mm - 3000mm

Panel thickness: 75mm

Wall capping: Box or flush finish

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

Retaining: up to 750mm using TerraFirm™ retaining panel

Each standard panel has an effective coverage of 2700mm, 3000mm or 3300mm post centre to post centre.



Customise

For those who want a little more...

There are some great additions and ideas to help you achieve your aesthetic goals. Here's a small snapshot of whats possible so far...

- Pedestrian Gates

• Letterboxes

• Texture or Render Finish

• Security and Intercoms
- Stack Stone

• Lighting

• Timber or Steel Infills

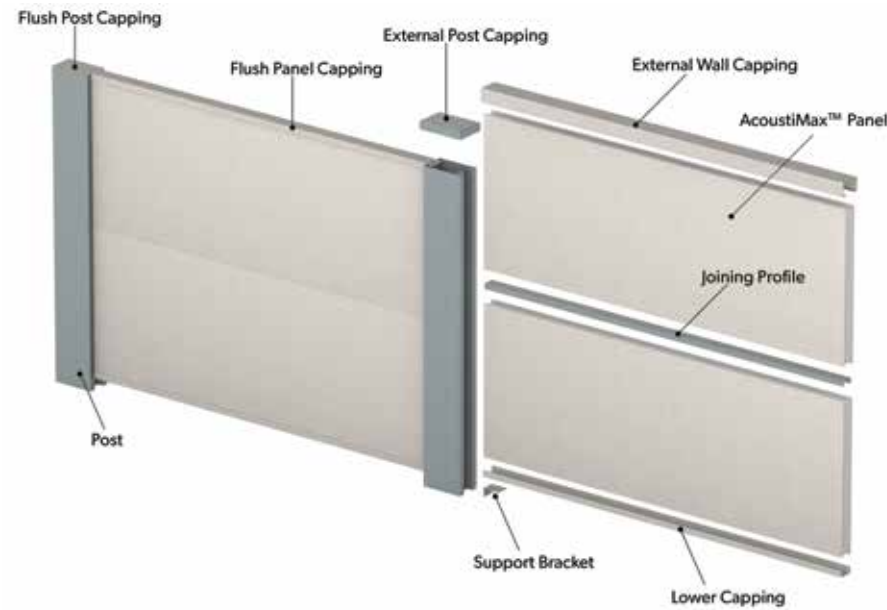
• Decorative Cappings

Please see our Feature and Unique gallery online for further ideas! (www.modularwalls.com.au)



Technical Information

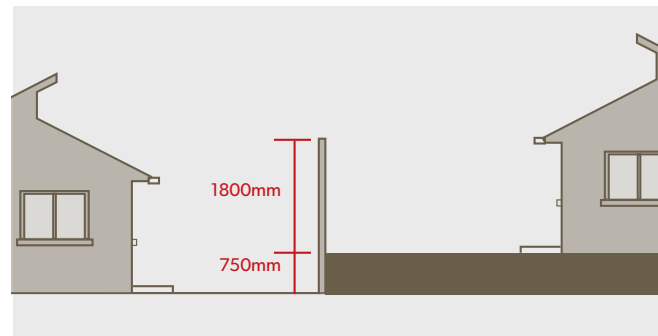
Typical Wall Construction



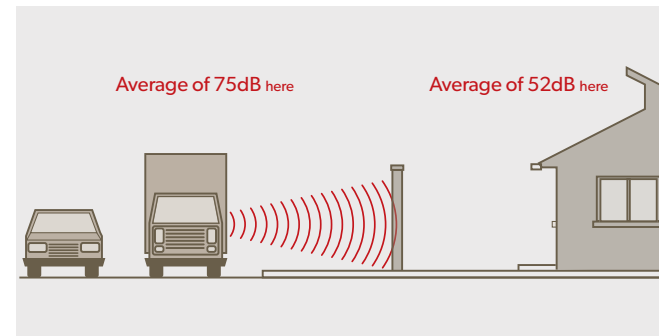
AcoustiMax™ Panel



Retain up to **750mm**
- with the TerraFirm™ 75 panel

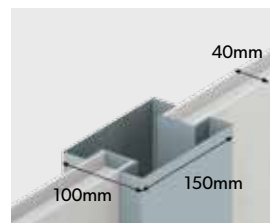


Acoustic Properties
(site specific)

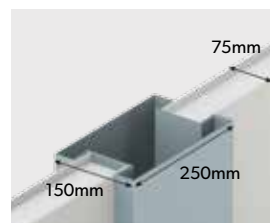


Posts

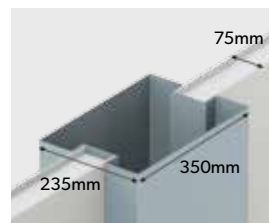
Modular Wall Systems™ posts are designed and manufactured by us to tight specifications and quality standards. For superior all weather performance, our posts are made from high tensile galvanised steel, primed and then coated on both sides with a commercial grade finish to enhance longevity and provide a finish that will accept all modern acrylic coatings



TrendWall™ Post

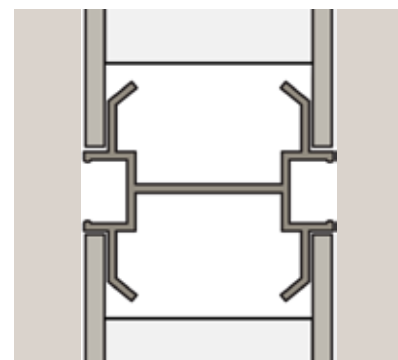


VogueWall™ Post



EstateWall™ Post

Express Joint



AcoustiMax 75™ panels are available with an architectural expressed joint look.

About Us

With over 30 years composite panel experience, Modular Wall Systems™ is the leading manufacturer of cost effective acoustic boundary walls and fences. The Modular Wall System™ is a genuine alternate to a free-standing masonry wall setting benchmarks in sound attenuation that benefit the greater community. Every homeowner can add value to their home with the lightweight yet strong wall system that replicates the look of a rendered masonry wall, without the cost and hassle.

Based around our innovative composite wall panels and supported by a unique post system, the Modular Wall System™ has been specifically designed to attenuate sound and mitigate noise. The products are Australian designed and manufactured to strict international ISO 9001 quality standards. With three decades of proven performance, Modular Wall Systems™ products are applied in a wide variety of industries and government departments both nationally and internationally.

In 2004, company CEO and founder Nick Holden combined the well known attributes of sandwich panel construction (lightness and strength) with a free-standing wall system and the Modular Wall was born. The company has since supplied thousands of walls across Australia, New Zealand, USA and Europe.

Modular Wall Systems™ have proven to be an integral asset to our Partners. Some of our Commercial and Civil clients include: Main Roads WA, BHP Billiton, Coles, Myer, McDonalds Australia, KFC, Lend Lease, McConnell Dowell, Leighton Holdings, Hansen Yunken, Energy Australia, Sydney Desalination Commission, RMS NSW, Reed Construction, AGL, Xstrata, Leicon and Main Roads QLD.

Commercial Walling Solutions

Modular Wall Systems™ not only provide acoustically rated masonry alternate walls that integrate perfectly with the architectural integrity of any residential home. Our commercial acoustic walls are setting new benchmarks in sound attenuation that benefit whole communities. Modular Walls Systems™ 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. Modular Walls Systems™ are proud Australian manufacturers with a reputation for quality and innovation.





15,000 success stories and counting...

1300 556 957



Modular Wall
systems™

www.modularwalls.com.au

