

Masonry Alternative Wall Systems



Modular Wall
systems^{UK}

Residential

Why Modular Wall Systems?

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 added acoustic benefit of a 20+dB reduction in audible noise. 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 walls. This saves renovators from dealing with the high costs and hassles associated with brick construction, and can eliminate the need to apply for council approval.

Reduce Neighbourhood & Road Noise

The Modular Wall System has been Acoustic Laboratory tested and rated. On average 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 noise at bay.

Private & Secure

Whether you're screening off a section of your garden or a highway, its solid, high impact resistant with standard heights available from 900mm up to 3300mm. Experience the security 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 traditional, 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 cladding 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 lightweight, will not rot, dent, warp or corrode. Virtually maintenance free, the modular wall displays amazing rigidity in any situation. The unique aluminium post design allows for any future ground movement without affecting the walls integrity, meaning it will not crack like other masonry wall materials.

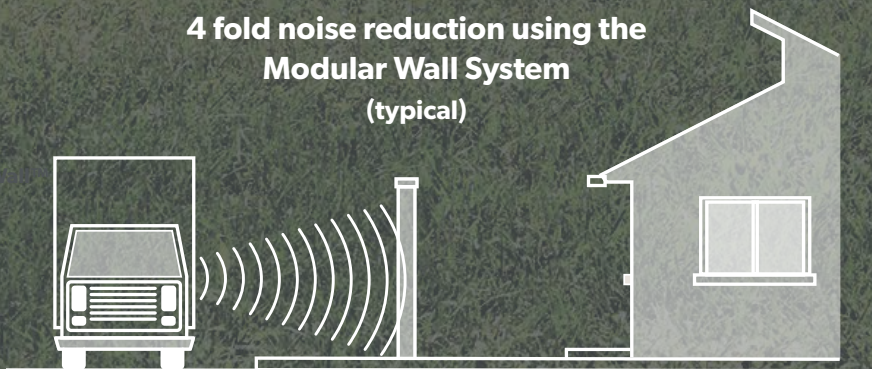




Peace & Quiet

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 next to a busy road or train line transforming your home into a peaceful oasis.

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





Do it Yourself or Have it Installed

Every Modular Wall Systems 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 support for all DIY customers.

The installation process comprises of a few simple steps only, which can be completed in one single day (depending on the size of the wall).

Installation process:

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 instructions, please download the installation manual at www.modularwall.co.uk, 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 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 a U.K. wide network of professional installers who can come to your property and provide a free, no obligation quote.

Our Range



SlimWall





VogueWall™



SlimWall

Our most cost effective wall

Its most common applications are for boundary walls, screening or privacy walls and feature walls.

- Offers great noise reduction qualities
- Ideal for those tight spaces
- A near flush finish across post and panel profiles
- Add lighting, gates or electrical cabling as desired
- Can retain with our TerraFirm™ panel
- Low maintenance

Available heights: 600mm - 2400mm

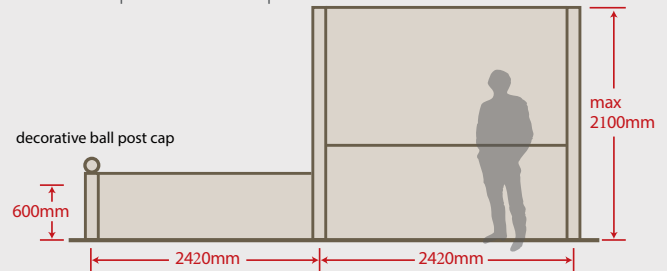
Panel thickness: 50mm - cement board / EPS

Wall capping: Flush

Post: 75mm (face) x 75mm (depth)
- structural aluminium

Post Capping: Flush

Each standard panel has an effective coverage of 2420mm post centre to post centre.



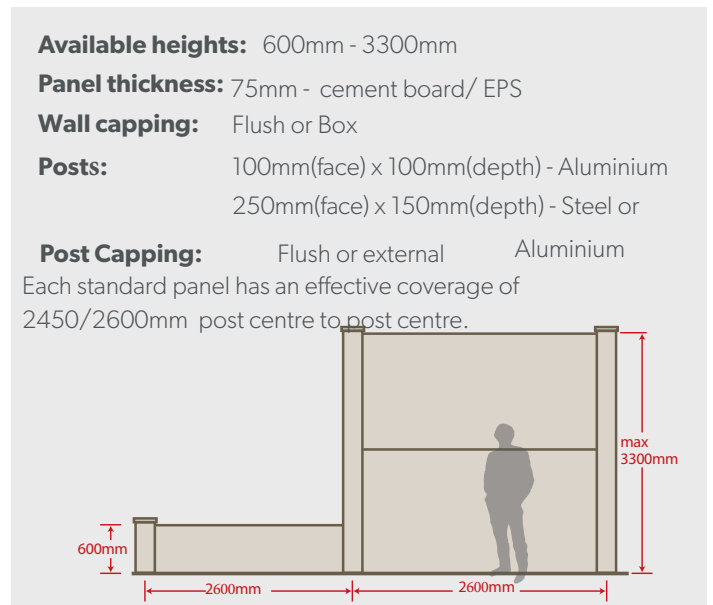
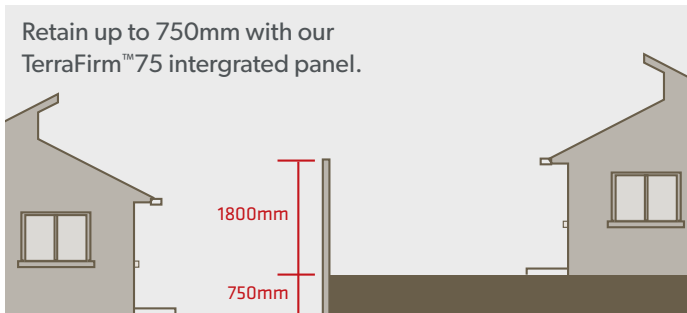
VogueWall™

Grand masonry look

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

It's 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 its 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
- Add lighting, gates or electrical cabling as desired
- Can retain with our TerraFirm™ panel
- Low maintenance



Customise

For those who want a little more...

We have some great additions and ideas to help you achieve your renovation goals. Here's a small snapshot of what is possible so far...

- Pedestrian Gates
- Letterboxes
- Texture or Render Finish
- Security and Intercoms
- Stack Stone
- Lighting
- Timber or Steel Infills
- Decorative Cappings



SlimWall™ with slat infills



Post mounted lighting



Modular Panel Gate



SlimWall with aluminium slat infills



VogueWall™ with random stone tile feature



VogueWall™ Decorative Steel Panel



VogueWall™ with brick pattern panels cut around tree



Expressed joint option



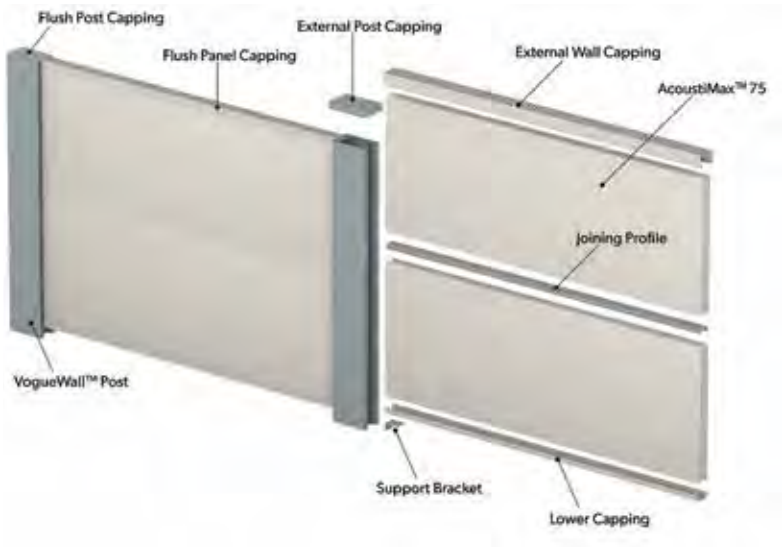
SlimWall with wooden trellis



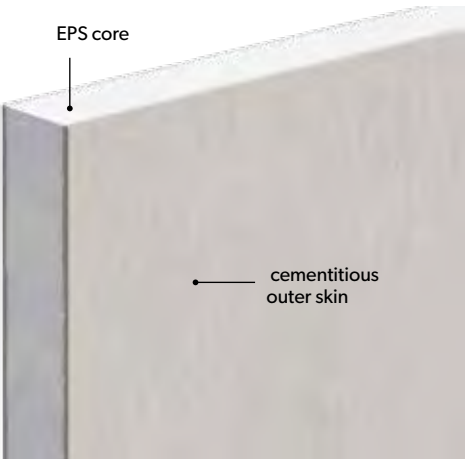
Multi-coloured panel

Technical Information

Typical Wall Construction



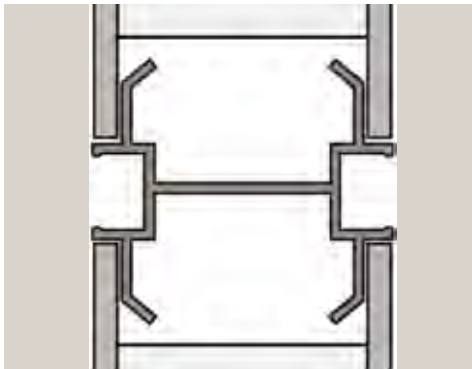
AcoustiMax Panel



Panel Specification

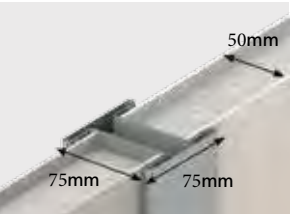
| | AcoustiMax™50 | AcoustiMax™75 |
|------------------------|-------------------|-------------------|
| Wall Styles | Slim | Vogue |
| Outer Skin | Cementitious Skin | Cementitious Skin |
| Panel Core | EPS | EPS |
| Available Lengths (mm) | 2400 | 2400 |
| Available Widths (mm) | 600, 900, 1200 | 600, 900, 1200 |
| Thickness (mm) | 50 | 75 |
| Density | 15.3 kg/m2 | 15.49 kg/m2 |
| Soil Retention | Nil | see TerraFirm75 |
| Rw | 26 | 28 |

Express Joint

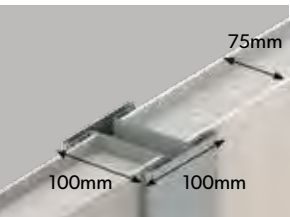


AcoustiMax 75 panels are available with an architectural expressed joint look.

Posts

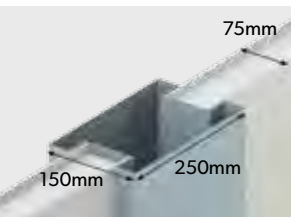


SlimWall™ Post



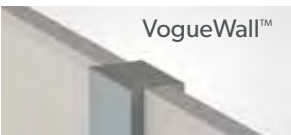
VogueWall™ Aluminium Post

All our posts come pre-primed and are ready to accept any acrylic paint finish.

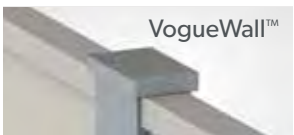


VogueWall™ Steel Post

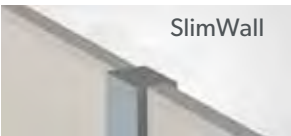
Post Top & Panel Cappings



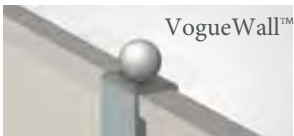
Flush Post Top, Flush Panel



Box Post Top, Box Panel



Flush Post Top, Flush Panel



Ball Post Top, Box Panel



Pyramid Post Top, Flush Panel

NOTE: Post and panel cappings can be a combination of any flush or box style.

About Us

With over 20 years composite panel experience, Modular Wall Systems brings its world leading products, design and engineering to the UK. The Modular Wall Systems 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.

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 and cost effectiveness 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 the worlds largest companies and government departments. Modular Walls Systems are proud UK manufacturers.

Our Walls

Our composite post and panel technology provides a wall that is strong, lightweight, that will not rust, rot, warp, or crack which means it will last up to 5 times longer than a typical timber fence

Our Modular Walls are a lightweight composite system designed to replicate the look and strength of a rendered masonry wall, with the added benefit of being economical and quick to erect, as it requires no strip footings.

Modular Wall Systems products are acoustically tested and rated. Typically, you can expect a 20+ dB or up to a fourfold audible noise reduction.

Modular Wall System allows you to choose your own tailored painting finish, features, lighting effects, audio or security systems and more.

All our walls come with a 10 year limited warrantee and they offer:

- 20+Db sound reduction
- Will never rust warp or rot
- Lasts up to 5 times longer than a timber fence
- Cheaper than Brick
- Easy and Fast installation
- Composite lightweight design
- Versatile design and easily customisable









Modular Wall.co.uk

0800 9155429

