More and more architects, engineers, contractors and house-building companies are choosing Anchor Retaining Walls as the ideal solution for everything from residential landscaping and tall commercial retaining walls to civil engineering walls in the highways and rail sectors. Why? Because every Anchor system is backed up with the support of a highly qualified team of manufacturing, design and engineering specialists.

From design assistance to installation information, our partnership will ensure your retaining wall project is a success.

The agreement has been reached with the full support of Anchor Wall Systems.
THE IDEAL SEGMENTAL RETAINING WALL SOLUTION

Designed for fast track installation, all of AG’s retaining wall solutions are pre-finished, mortarless, easy-to-fit and extremely cost effective. There is a block to suit all retaining applications from 0.5m in height upwards. AG’s segmental retaining wall system is suitable for use in both commercial and residential locations and is available in a range of designs and colours.

ADVANTAGES OF SEGMENTAL RETAINING WALLS

• Engineering strength and durability
• Design advice by Chartered Civil Engineers
• Better utilisation of land
• Aesthetically pleasing
• Economic and versatile
• Fast construction in all weather conditions
• No wet trades
• Anti-climb
• Available in a range of colours
• Minimal maintenance
• Reliability of geogrid reinforced earth backfill
• Backfill option reduces the amount of excavation required
• All products are manufactured in the UK - low carbon footprint.

ENGINEERING A BETTER SOLUTION

Engineering specialist Maccaferri understands the problems faced by housebuilders and developers, and offers clients a wide range of solutions for retaining walls and slope reinforcement problems.

Whether for a small retaining wall in a housing development, or substantial reinforced soil structures on major highways, Maccaferri offers cost-effective, value-engineered, scalable solutions.

Maccaferri’s technical approach is that one system cannot solve all problems. Accordingly, Maccaferri offers a range of engineered solutions and can select the most appropriate to the client’s specific project needs.

Maccaferri develops solutions and uses design tools in accordance with the latest generation of technical standards and design approaches.

By choosing to work together in a formal partnership, AG and Maccaferri can now offer an unrivalled package of segmental retaining wall solutions, with market-leading product quality, design support and expertise.
PROVEN PERFORMANCE NATIONWIDE

Providers of revolutionary retaining wall technology.

Anchor Wall Systems provide its licensed manufacturers with cost-effective, high-quality patented retaining wall solutions for a wide variety of commercial, municipal and residential landscaping projects worldwide.

A leading manufacturer in the construction industry and one of Ireland’s most progressive companies.

AG share a strong commitment to quality, product development, technological innovation, the environment and the local community. They have extensive expertise in a wide range of projects of every type, size and complexity.

Innovation and excellence in the field of geotechnical engineering.

Maccaferri are internationally recognised geotechnical and civil engineers, with 60 years experience in the UK & Ireland and nearly 140 years worldwide. They have worldwide design and engineering experience and a reputation for service to the construction industry.

The ideal solution.

Attractive and innovative solutions can be achieved on the most challenging projects. Together, the teams of Anchor Wall Systems, AG and Maccaferri provide the ideal solution for construction professionals.

Setting the Standard.

AG invested in a purpose built factory to manufacture Anchor Retaining Walls.

This state-of-the-art factory has been accredited as an important part of the overall approval process. The main components of Anchor Vertica® and Anchor Landmark®, have been subject to independent assessment throughout the world and have received international approval from the most respected bodies in the industry. Anchor Landmark has also received approval from the UK Highways Agency.

Testing was carried out both in-house and at accredited independent testing laboratories in the UK and the geogrid has been tested all around the world.
**VERTICA™ STONE CUT**

Designed for steep, sloping hillsides and other structural problems, Vertica walls can be built to virtually any height in incredibly tight spaces - thanks to impressive, built-in alignment locators, and a near vertical rise for less excavation and land loss.

Typically used with geosynthetic reinforcement, Vertica blocks meet or exceed industry standards for strength and durability.

**Unique Selling Points:**

- Vertica’s distinctive design allows taller wall construction in incredibly tight spaces. Use in developments or where space is at a premium.
- New 4º block brought in especially for its anti-climb benefits - designed with the playground in mind.
- Vertica’s Stone Cut finish uses patented technology to create a ‘crunched’ finish similar to natural stone.

**COLOURS:** Other colours are available - please ask for more information.

| Colour | Picture
|-------|--------|
| Basalt | ![](image1)
| Cashel | ![](image2)
| Canelletto | ![](image3)

- Made to order

**Vertica Block: Stone Cut**

<table>
<thead>
<tr>
<th>Approx. Dimensions:</th>
<th>L 457 x D 280 x H 200mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. Weight:</td>
<td>37.7kg</td>
</tr>
<tr>
<td>Coverage:</td>
<td>10.9 units / m²</td>
</tr>
<tr>
<td>Set back / Face angle:</td>
<td>2º / 4º / 7º</td>
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<tr>
<td>Units per Pack:</td>
<td>45</td>
</tr>
</tbody>
</table>

*NB. 2º and 7º made to order*

**Corner Block**

<table>
<thead>
<tr>
<th>Approx. Dimensions:</th>
<th>L 457 x D 228 x H 200mm</th>
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<tbody>
<tr>
<td>Approx. Weight:</td>
<td>43.8kg</td>
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<tr>
<td>Coverage:</td>
<td>N/A</td>
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<tr>
<td>Set back / Face angle:</td>
<td>N/A</td>
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<tr>
<td>Units per Pack:</td>
<td>40</td>
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</tbody>
</table>

**Cap Block**

<table>
<thead>
<tr>
<th>Approx. Dimensions:</th>
<th>L 438 x D 254 x H 100mm</th>
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</thead>
<tbody>
<tr>
<td>Approx. Weight:</td>
<td>20kg</td>
</tr>
<tr>
<td>Coverage:</td>
<td>2.7 units / Lm</td>
</tr>
<tr>
<td>Set back / Face angle:</td>
<td>N/A</td>
</tr>
<tr>
<td>Units per Pack:</td>
<td>48</td>
</tr>
</tbody>
</table>

**Lifting devices are available for Anchor Vertica blocks.**

For price information request a quotation from Maccaferri.

**Recommended adhesives for fixing caps and partial units:** Montagefix (available from Acheson + Glover).

**Download data sheet:** [www.ag.uk.com/data](http://www.ag.uk.com/data)

<table>
<thead>
<tr>
<th>VERTICA STONE CUT / Basalt</th>
</tr>
</thead>
</table>
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| For price information request a quotation from Maccaferri. | ![](image5)
| **Recommended adhesives for fixing caps and partial units:** Montagefix (available from Acheson + Glover). | ![](image6)

Vertica’s 4º block is perfect for schools and playgrounds with its anti-climb feature.
Attractive, durable, easy-to-install: that's Diamond 25. Whether reinforced or unreinforced, no other system offers these advantages. On your next project let Diamond 25 provide the most cost-effective retaining wall solution you can buy.

Each block features a patented rear lip that acts as a guide to ensure accurate alignment and precise set back every time without the need for mortar. That means fast installation and reduced labour costs.

Unique Selling Points:
- Diamond combines strength and performance with a sharp, contemporary appearance.
- Diamond 25’s lighter weight makes it ideal for fast and efficient installation on a wide range of projects. Economical when building walls up to 3m high.

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LANDMARK™

For high performance under extreme loading conditions, Landmark is a positive mechanical connection retaining wall system that takes performance to new heights. Designed with a unique locking connection between block facing and geogrid, the system offers unparalleled connection strength for challenging projects. The Landmark System is a smart, aesthetically pleasing retaining wall solution.

Unique Selling Points:
- Landmark blocks are portrait orientated and have a distinctive ‘in/out’ face finish achieved using Anchor’s patented manufacturing process.
- Specially engineered locking bar creates a secure connection between block and reinforcement to achieve higher loadings and earth pressures.
- Perfect for tall walls or demanding applications and is perfect for building around curves with ease.

COLOURS: Other colours are available - please ask for more information.
- Basalt
- Canelletto
- Cashel
- * Made to order

LANDMARK™'s distinctive face appearance is created using Anchor’s patented manufacturing process.

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Maccaferri and Maccaferri Construction are specialists in the design and supply of retaining wall systems, also offering a complete design, supply and installation service. Whether it be a fully indemnified design* or rapid technical advice Maccaferri can offer complete engineering support through their in-house team of geotechnical specialists, many of whom are Chartered Civil Engineers.

Anchor retaining wall systems are manufactured in Ireland by AG, under license from Anchor Wall Systems Inc. This combined expertise in block design, block manufacture and engineering design offers a unique and unbeatable product range, quality and service available throughout the UK and Ireland.

*A fee may apply for fully indemnified designs.

Up-to-date nationwide case studies, NBS product specifications, concept drawings, products and information can be viewed and downloaded via our websites.

We are fully committed to providing clients with all the necessary information required to ensure the successful completion of their project or specification both on-time and on-budget.