Dry-build retaining walls with a ‘naturally textured’ finish

COLOURS + FINISHES

BASALT

CASHEL

CORRIB

CANELLETO

STRAIGHT CUT FINISH

STONE CUT FINISH

Frost Resistant

No Reinforcement
TECHNICAL INFORMATION

Dry-build retaining walls with a ‘naturally textured’ finish

Vertica® Standard + Double Sided 24N/mm² blocks are suitable for any project not requiring Highways Authority approval.

STANDARDS + PERFORMANCE
Our segmental retaining wall products are regularly tested to record important physical characteristics and to comply with product specific performance criteria. The durability and performance of Anchor blocks is assured by meeting or exceeding targets for compression strength and water absorption.

Product Type: Dry-build retaining walls with a ‘naturally textured’ finish
Efflorescence: State-of-the-art factory controlled vapour curing significantly reduces this naturally occurring chemical reaction. If you need further assistance with this please consult our Technical Department.

SUSTAINABILITY
Energy Use: 100% renewable
Water Used: 100% rain water harvesting
Recyclable: 100% of this product can be recycled
Manufacturing: Produced in the UK from locally sourced materials
Recycled Aggregate Content: 65%
Waste Wood + Plastic: 100% recycled
Carbon Footprint: We have a new state-of-the-art washing plant which enables AG to produce walling from 100% recycled waste aggregate. Please contact our Technical Specification Department if you are interested in specifying such a product

GRAVITY / ENGINEERED
Gravity (max 1m)
Engineered (above 1m)

LICENCE
Anchor blocks are manufactured under licence from Anchor Wall Systems.

FEATURES + BENEFITS
• A distinctive design allows taller wall construction in incredibly tight spaces. Use in developments or where space is at a premium.
• The 4º block has anti-climb benefits – designed with playgrounds in mind.
• The Stone Cut finish uses patented technology to create a ‘crunched’ finish, similar to natural stone.
• The Double Sided block is recommended for finishing the final course of a normal Vertica retaining wall when both sides would be visible.
• When used in conjunction with a design, the Double Sided block can be used as an alternative to parapet walls / crash barriers.
• Split the Double Sided block in half to create an aesthetically pleasing stop end block for a normal Vertica retaining wall - an alternative to curving your wall in to the bank.
• The Double Sided block can also be used as a temporary barrier providing way leave access.
• The Double Sided block can be used as a self-supporting, freestanding, mortarless wall – not retaining.
• Variety of warm earth tone colours available and a natural textured finish.
• Mortarless and pinless – built with no mortar or concrete, the unique dry build locking system allows fast track construction in all weathers. This means quicker installation rates than traditional brick and blockwork.
• Features a patented locating lug that acts as a guide to ensure accurate alignment and precise set back every time.
• Suitable for all retaining walls – from low height landscape to tall commercial walls.
• The capping block is shaped asymmetrically (tapered), making capping straight or curved walls much easier.

SPECIFICATION REFERENCE: NBS PLUS: 45-25-66/320 Precast concrete interlocking blocks D41 Crib walls, gabions and other gravity retaining walls - 310 DRYSTACK INTERLOCKING MASONRY
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STOCK INFORMATION

<table>
<thead>
<tr>
<th>Product type</th>
<th>Length (mm)</th>
<th>Depth (mm)</th>
<th>Height (mm)</th>
<th>Available Finishes</th>
<th>Stone Cut / Straight Cut</th>
<th>In Stock</th>
<th>Available Colours</th>
<th>m² per pack</th>
<th>Units per pack</th>
<th>Unit weight (kg)</th>
<th>Weight per pack (t)</th>
<th>Packs per 8 wheeler</th>
<th>Packs per unit lorry</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD BLOCK 4°**</td>
<td>457</td>
<td>280</td>
<td>200</td>
<td>Stone Cut</td>
<td>Basalt / Canelletto</td>
<td>MTO</td>
<td>Basalt / Canelletto</td>
<td>4.1</td>
<td>45</td>
<td>1.70</td>
<td>10</td>
<td>IRE 14 / GB 15</td>
<td></td>
</tr>
<tr>
<td>DOUBLE SIDED BLOCK</td>
<td>457</td>
<td>280</td>
<td>200</td>
<td>Stone Cut</td>
<td>Basalt / Canelletto</td>
<td>MTO</td>
<td>Basalt / Canelletto</td>
<td>4.1</td>
<td>45</td>
<td>1.70</td>
<td>10</td>
<td>IRE 14 / GB 15</td>
<td></td>
</tr>
<tr>
<td>CORNER BLOCK</td>
<td>457</td>
<td>228</td>
<td>200</td>
<td>Straight Cut</td>
<td>Basalt / Canelletto</td>
<td>MTO</td>
<td>Basalt / Canelletto</td>
<td>N / A</td>
<td>40</td>
<td>0.94</td>
<td>14</td>
<td>IRE 20 / GB 22</td>
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<tr>
<td>CAP BLOCK</td>
<td>438†</td>
<td>254</td>
<td>100</td>
<td>Straight Cut</td>
<td>Basalt / Canelletto</td>
<td>MTO</td>
<td>Basalt / Canelletto</td>
<td>N / A</td>
<td>48</td>
<td>20</td>
<td>0.94</td>
<td>14</td>
<td>IRE 20 / GB 22</td>
</tr>
<tr>
<td>SHORTCUT CAP</td>
<td>200†</td>
<td>330</td>
<td>75</td>
<td>Straight Cut</td>
<td>Basalt / Canelletto</td>
<td>MTO</td>
<td>Basalt / Canelletto</td>
<td>N / A</td>
<td>120</td>
<td>10.30</td>
<td>1.236</td>
<td>IRE 14 / GB 21</td>
<td></td>
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</tbody>
</table>

* The Cap Block 'short side' 303mm in length.
** Machine install is available for this product.
† The ShortCut Cap 'short side' 175mm in length.
N / A – Not applicable.
MTO – Made to order (minimum quantity required).
BBA Approved Vertica is available as MTO.
Stone Cut and Straight Cut blocks are available MTO as 2° and 7°.

INSTALLATION DATA

<table>
<thead>
<tr>
<th>Blocks</th>
<th>Set back / Face angle (degrees)</th>
<th>Minimum inside radius (to back of block on bottom course) (mm)</th>
<th>Minimum outside radius (to back of block on bottom course) (mm)</th>
<th>Tolerances on all dimensions (mm)</th>
<th>Face finish</th>
<th>Face geometry</th>
<th>No. per m² / m</th>
<th>ns.</th>
</tr>
</thead>
<tbody>
<tr>
<td>STONE CUT BLOCK</td>
<td>4°</td>
<td>2.4m</td>
<td>1.8m</td>
<td>±0.2mm</td>
<td>Stone cut</td>
<td>stretcher</td>
<td>10.9</td>
<td></td>
</tr>
<tr>
<td>STRAIGHT CUT BLOCK</td>
<td>4°</td>
<td>2.4m</td>
<td>1.8m</td>
<td>±0.2mm</td>
<td>Straight cut</td>
<td>stretcher</td>
<td>10.9</td>
<td></td>
</tr>
<tr>
<td>DOUBLE SIDED BLOCK</td>
<td>0°</td>
<td>N / A</td>
<td>N / A</td>
<td>±0.2mm</td>
<td>Stone cut / Straight cut</td>
<td>stretcher</td>
<td>10.9</td>
<td></td>
</tr>
<tr>
<td>CORNER BLOCK</td>
<td>N / A</td>
<td>N / A</td>
<td>N / A</td>
<td>±0.2mm</td>
<td>Straight split</td>
<td>stretcher</td>
<td>N / A</td>
<td></td>
</tr>
<tr>
<td>CAP BLOCK</td>
<td>N / A</td>
<td>N / A</td>
<td>N / A</td>
<td>±0.2mm</td>
<td>Straight split</td>
<td>stretcher</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td>SHORTCUT CAP</td>
<td>N / A</td>
<td>N / A</td>
<td>N / A</td>
<td>±0.2mm</td>
<td>Straight split</td>
<td>stretcher</td>
<td>5.4</td>
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</tr>
</tbody>
</table>

Stone Cut and Straight Cut blocks are available MTO as 2° and 7°.
N / A – Not applicable.

MACHINE INSTALL

Anchor Vertica can now be installed mechanically using a special clamp in conjunction with an excavation digger. The benefits include:

- Cost of installation is reduced significantly onsite + reduced labour costs.
- The safest way to lift and install a product is important with CDM (the legal regulator for construction H&S). The specifier has a duty of care to select the installation method least likely to result in human injury: AG's SRW 'machine installation' is the safest option and the least likely to cause injury.
- Segmental retaining wall 'machine installation' is exclusive to AG.
- Vertica can be packaged to suit machine installation at no extra cost.
- Machine installation can be as much as 2 to 3 times faster than traditional methods of segmental retaining wall installation.

Please contact our Technical Specification Department for more information.

BBA Approved Vertica is available as MTO.
Stone Cut and Straight Cut blocks are available MTO as 2° and 7°.
N / A – Not applicable.
MANUFACTURING
Anchor segmental retaining wall blocks are manufactured from locally sourced, high grade aggregates. Using the latest computerized mixing systems ensures colour and strength consistency. The naturally textured finish of the Vertica® range is due to the most modern computer-controlled manufacturing process. POM: Made at our Fivemiletown production plant.

CERTIFICATION
ISO 14001 Environmental Management.
ISO 9001 Quality Management.
OSHAS 18001 Occupational Health and Safety Management.
CE Marking Download our Declaration of Performance (DOP) data at: www.ag.uk.com/cemarking
HAPAS + BBA The Vertica® Wall System is HAPAS and BBA Roads + bridges certified for use in conjunction with Enkagrid PRO geogrids. Agreement Certification No. 04/R138. Download data at: https://professional.ag.uk.com/products/retaining-walls/anchor-vertica#tab3

PROFILES
Dry-build retaining walls with a ‘naturally textured’ finish

The stone face is naturally textured to give the wall a weathered appearance.

STRAIGHT CUT
STONE CUT
CORNER BLOCK
SHORT CUT CAP
CAP BLOCK
DOUBLE SIDED BLOCK

PROFILES

AG.UK.COM
T 028 8778 4208 | GB Sales T 0121 747 0202 | E specifications@ag.uk.com