




**4° FACE SEGMENTAL RETAINING WALL SYSTEM**

		BLOCK	CORNER BLOCK	CAP
<b>BBA Certified block available</b>				
<b>PHYSICAL PROPERTIES</b>				
<b>Length</b>	<b>mm</b>	457	457	438- Long side 303 - Short side
<b>Height</b>	<b>mm</b>	200	200	100
<b>Depth</b>	<b>mm</b>	280	228	254
<b>No. Per M<sup>2</sup> or Lm</b>		10.9 blocks/m <sup>2</sup>	N/A	2.7 CAPS / lin m
<b>Approximate mass per block</b>	<b>kg</b>	37.7	43	20
<b>Set Back / Face Angle<sup>(2)</sup></b>		4°	4°	N/A
<b>Minimum Inside Radius (To back of block on bottom course)</b>	<b>m</b>	2.4	-	-
<b>Minimum Outside Radius (To back of block on top course)</b>	<b>m</b>	1.8	-	-
<b>DELIVERY INFORMATION</b>				
<b>Blocks per pack</b>		45	40	48
<b>GENERAL PROPERTIES</b>				
<b>Tolerances on all dimensions</b>	<b>mm</b>	±2		
<b>Compressive Strength<sup>(1)</sup></b>	<b>N/mm<sup>2</sup></b>	24N/mm <sup>2</sup> for standard block 40N/mm <sup>2</sup> for BBA Certified block (on request)		
<b>Face Texture</b>		Stone Cut 'crunched' texture		
<b>Aggregate</b>		5mm Limestone, Mill Fines, Concrete Sand. (65% recycled aggregate is used)		
<b>Face Geometry</b>		Stretcher		
<b>BBA Approval</b>		Anchor Vertica® Wall Systems is BBA certified for use with ParaGrid® geogrids. Agreement Certificate No. 17 / H268		

(1) Compressive Strength determined by a 150mm cube from a block

(2) Available in both a 4° (standard) and 7.4° (to order) set back

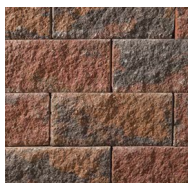
\* Colours made to order. Due to inaccuracies in the printing/reproduction process, the colours represented may vary from the final product. Please contact us for a sample.



Basalt\*



Canelletto\*



Cashel

## Features and Benefits

The distinctive design of MacWall® enables taller wall construction in tight spaces making it ideal for use in developments or where space is at a premium.

The 4° block has anti-climb benefits and has been designed with playgrounds, communal areas in mind.

The Stone Cut finish uses patented technology to create a 'crunched' finish, similar to natural stone.

MacWall® is available in a 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.

MacWall® 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.

## Manufacture

The blocks are manufactured by our partners Acheson & Glover Ltd, in a state-of-the-art plant with 100% renewable power, 100% rain water harvesting and 65% recycled aggregate content.

It has a BREEAM 'A' Rating in accordance with the BRE Green Guide to Specification.

## Standards and Performance

The blocks are manufactured under licence from Anchor Wall Systems Inc. Their production is regularly tested to record important physical characteristics and to comply with product specific performance criteria. The durability and performance of the blocks is assured by meeting or exceeding targets for crushing strength and water absorption.

When specified, the MacWall® (Anchor Vertica® Wall Systems Agreement Certificate No. 17 / H268)

BBA certified retaining wall block has a minimum 28 day compressive strength of 40N/mm<sup>2</sup>, and satisfies the durability requirement of class XF2 in accordance with BS 8500-1:2015.

When designed in accordance with BS 8006-1: 2010, Annex B, the design life of an Vertica® BBA wall is 120 years.

## Gravity / Engineered

Gravity (max 1.0 - 1.2m—approx)

Engineered ( above 1.0 - 1.2m approx.)

Note:

Adhesive is required for fixing caps and partial units.

Walls greater than 1.0m in height should be designed by a suitable qualified engineer.

All products are manufactured from natural materials and although we strive to provide consistency of colour, variation may occur in the manufacturing process. It is for this reason that we recommend that products are selected from at least three bales within each delivery. This will eliminate 'banding'.

As these products contain cement they may suffer from the temporary phenomenon of efflorescence. This is in no way detrimental to their performance characteristics and is common in all good quality products with a high cement content. Time should be given for all products to

Maccaferri reserves the right to amend product specifications without notice and specifiers are requested to check as to the validity of the specifications they are using.



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