

## MODULAR CONCRETE BLOCK RETAINING WALL SYSTEM

**MacWall®** is a segmental block retaining wall system that has the appeal of a traditional masonry wall with the engineered reassurance of soil reinforcement.

**MacWall®** is constructed using concrete blocks that have a split-face finish for an authentic stone look. There are a choice of colours to complement your development and its flexible construction enables corners and curves to be incorporated with ease.

A mortarless build speeds up construction in all weather. Our ParaGrid® geogrids are used in conjunction with the block fascia to reinforce the granular backfill.

**MacWall®** can be used for retaining walls in housing retail and insitutional developments. A BBA Certified block option is available for use on infrastructure projects.

Advantages of **MacWall®**

- M** Available in a range of colours
- M** Mortarless and simple to construct
- M** Can incorporate curves and corners
- M** Granular backfill to geogrids simplifies construction
- M** Geogrid soil reinforcement strengths and lengths are determined through design
- M** BBA certified block available on request\*

\* Certificate 17/H268 – Anchor Vertica Wall System for Reinforced Soil Retaining Walls



MacWall® showing versatility in cornered retention



6m retaining wall height on housing development



Close up of segmental MacWall® blockwork

# MACWALL®

## SPLIT FACED CONCRETE BLOCK SEGEMENTAL RETAINING WALL



**MacWall 4°**

Length (mm)
457
Height (mm)
200
Depth (mm)
280
Face Angle
4°
Compressive Strength
40N/mm <sup>2</sup>
Block Weight (kg)
37.7



**MacWall® 5.7°**

Length (mm)
400
Height (mm)
200
Depth (mm)
280
Face Angle
5.7°
Compressive Strength
30N/mm <sup>2</sup>
Block Weight (kg)
30

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