



**ADELAIDE
RETAINING
WALL BLOCK**

1800 191 131
australianpaving.com.au



ADELAIDE RETAINING WALL BLOCK



The Adelaide Retaining Wall Block incorporates purpose made corners and capping units to provide classical reconstructed stone retaining walls for any landscape situation.

The unique design of the Adelaide Retaining wall system allows increased flexibility over competing products. The walls can be built almost vertical.

Each block has only a 10mm setback, which allows all available space to be utilised to the maximum. Curved or straight walls can be erected and it is easy to build 90-degree corners with purpose made corner blocks. A capping unit is adhered to the top course of blocks to finish off the wall.

Adelaide Retaining Wall Blocks are suitable for retaining walls up to 6 meters high. The blocks are easily dry-stacked and their patented design locks into the block above to create an attractive structural retaining wall. For walls over 1 metre high, FORTRAC® geogrids are locked in every third course of blocks to create a reinforced soil retaining wall structure. (see design tables) To comply with most council requirements, please seek specific engineering advice for walls over 1 metre high or for low walls carrying car traffic etc.



Features

- Prestige & quality
- Do it yourself
- Near vertical walls
- No concrete footings required

Colour range*

Bluestone



Limestone



Pontville



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CONSTRUCTION METHODS

The Adelaide Retaining Wall Block can be built using three different construction methods.

The most suitable method to build the Adelaide Retaining Wall Block is always selected with consideration to the overall wall height, soil conditions and any loads that impact on the retaining wall such as vehicle traffic, fences or steep slopes.



Corners

Corners are built by adhesively fixing the purpose made corner blocks to alternate courses.

Allowances should be made for a 10mm step back per course.

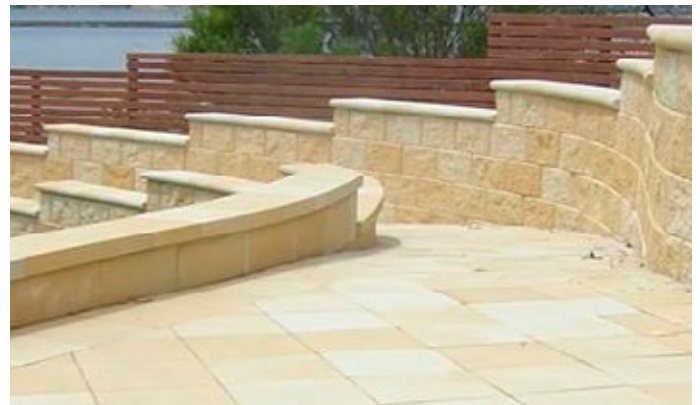
Lugs must be removed from the Adelaide Retaining Wall Blocks to ensure that the corner blocks fit evenly.



Steps

Steps can be easily built by using a combination of Adelaide Retaining Wall Blocks and bullnose capping units. The step risers are built with Adelaide Retaining Wall Blocks. The capping units are then adhered to the top of the blocks to form the treads.

Note: For terraced walls, fences above walls and any specialised applications, contact your local APC.



Curves

For Convex curved walls simply knock the back fin off the block with a hammer.

Minimum radius Adelaide Retaining Wall Blocks: 1300mm. Half Blocks: 650mm

This is the minimum radius of the top course, measured from the back of the block. Adjust lower courses allowing for 10mm step back.

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Maximum Wall Heights For Adelaide Retaining Wall Blocks (This is a guide only and subject to an engineer's final design)

Maximum wall heights for Adelaide Retaining Wall Blocks, backfilled with a 300mm blue metal drainage layer.

Adelaide Retaining Wall Block

Maximum Wall Height 'H' (m)		
Backslope Conditions/ Loadings	Wall Height	Retained Soil Types
Level with: No Surcharge	0.7	Type 1
	0.8	Type 2
	1.0	Type 3
Level with: Domestic Vehicles	0.5	Type 1
	0.7	Type 2
	0.7	Type 3
1:4 with: No Surcharge	0.7	Type 1
	0.8	Type 2
	0.9	Type 3
1:4 with: Domestic Vehicles	0.5	Type 1
	0.7	Type 2
	0.7	Type 3

*Increased wall heights may be achieved using no-fines concrete backfill.

Type 1* Includes soft and firm clay, fine sands, silty clays

Type 2* Includes stiff sandy clay and gravelly clays

Type 3* Includes rock, sandstone and gravel

Retaining Wall System

Adelaide Retaining Wall Block

390 x 245 x 200 mm
 22kg each
 13 per m²
 60 per pallet



Adelaide Retaining Capping Block

230 x 255 x 60 mm
 6kg each
 4.3 per lineal metre
 180 per pallet



Adelaide Retaining 360mm Corner Block

160 x 360 x 200 mm
 20kg each
 Available in left or right

