

Colour Chart - Allan Block™

Oatmeal™



Bondi Blend®



Sunstone™



Charcoal



Installation Guide - Allan Block™

AB Installation Summary

Step 1

Excavate base trench at wall location and install Base Material (a well graded compactable aggregate 5mm to 20mm diameter). Base Trench is typically 600mm wide by 100mm deep plus 25mm in depth for every 300mm of wall height. Begin excavation at the lowest point and dig a level trench into the slope until it is deep enough to accommodate 100mm Base Material and the recommended depth of embedment.

Step 2

Install base material and rake smooth and compact, check the entire length for level and adjust as needed.

Step 3

Install basecourse starting at the lowest point. Place the first row of Allan Block™ unit on the base material with the raised front lip facing up and forward to the front of the wall. Check and adjust the level and alignment of all blocks with a stringline across the back of the blocks or the back of the lips. Make minor adjustments by tapping the block with a rubber mallet. Irregularities in the base course become larger as the wall stacks up!

Step 4

Install an Agricultural Pipe at the bottom rear of the drainage field with appropriate fall to designated drainage point. Fill Allan Block™ hollow cores and the minimum 300mm behind the wall with drainage material (not crushed rock or material containing 'fines'). Using onsite soils, backfill behind drainage zone and in front of the base course.

Step 5

Brush off excess drainage material from top of blocks. Stack the next row of blocks with the vertical joints offset from the joints below. Blocks may be adjusted to form straight lines and smooth curves. Check it is level and adjust as needed before installing drainage and backfill materials as in Step 4.

Step 6

Using a vibrating plate compactor, compact over the top of the blocks running parallel to the wall. This will lock the blocks into position. Avoid hitting the front lip, as this will knock the blocks out of alignment. Next, compact the drainage and then the backfill area, always running parallel to the wall.

Step 7

Install additional courses by repeating steps 5 and 6. Each lift of drainage and backfill materials should be installed in the same manner, compact in lifts of 200mm (every course).

This summary is intended as a general guide only. For more detailed information including creating curves, corners, steps, terraced walls or water management, please refer to the separate Allan Block™ Installation Guide (available from Adbri Masonry or your local distributor) before constructing your wall.

For walls that exceed the maximum heights in the table opposite please consult an engineer and check with your local Council for requirements.