

Curved Radius

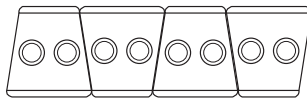
Minimum radius for inside curve is 435mm and 615mm for outside curves. As Miniwall® units can produce a tight radius, cumbersome corner units are not required - simply round the corner off. Half units, if required, can be split or cut from full units using a masonry cutter.

Hint: 21 units form a circle.

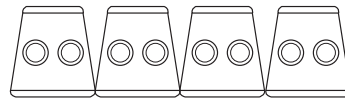
Maximum Heights

The Miniwall® system is suitable for walls up to 500mm high (4 courses) where there is no surcharge loading. A surcharge loading applies when:

- A wall is supporting a driveway or other load
- There is greater than 3:1 slope above the wall
- Another retaining wall above the wall which is less in distance behind the wall than double the height of the lower wall.



Solid Wall
Larger faces on alternative sides



Semi Solid Wall
Larger faces on visible side

Laying Instructions

Step 1

Dig a shallow trench, level and place 100mm of crushed rock in the bottom and compact.

Step 2

Spread and level 25mm of coarse sand as a bedding layer. Place the first layer of Miniwall® units onto the sand and tap into place with a mallet. A stringline is essential for building straight walls. Ensure that each unit is level from front to back and side to side.

Step 3

Stack Miniwall® units along the length of the wall to a maximum of 3 rows, ensuring that each row is offset to the one below. If the wall is acting as a small retainer, install 90mm agricultural pipe at the rear of the wall for drainage and fill 200mm behind the wall with drainage material.

Step 4

Before applying Minicap™ units, place some construction adhesive either side of the interlocking modules on the Miniwall® units. Position the Minicap™ units and press firmly into position.

Freestanding Walls

As Miniwall® units are stacked vertically and both the front and back of each unit is finished with an attractive split stone texture, both sides of the wall may be left exposed. In this situation it is recommended that construction adhesive be used between the upper courses of the wall.

S-Curves

To build a solid wall which changes from an inside curve to an outside curve, a half unit will be required every second course. Use a Minicap™ unit and perform the cut with either a masonry saw or splitter.

