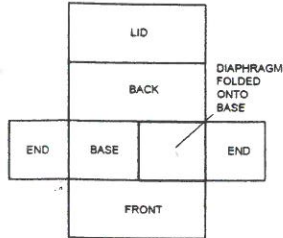


INSTALLATION GUIDE FOR
STANDARD WELDED MESH GABION



ASSEMBLY AND INSTALLATION:

Units are supplied flat packed.
Open out unit flat

LACING WIRE : Supplied as standard on gabion units for all joints. Adjacent panels are joined together by a continuous lacing wire, weaving in and out of each mesh. As the wire is weaved in and out of the mesh it is pulled in the direction of weaving which then forms a tight joint. All vertical joints and horizontal joints are to be laced. At the start and finish of the run of lacing, the wire should be wrapped around the panel wires 3 times.

It is recommended that the maximum length to be laced is approximately 1m. This requires about 1.4m of wire. The large coils of lacing wire supplied can be cut on one side of the coil which should give sufficient length for 1m of lacing.

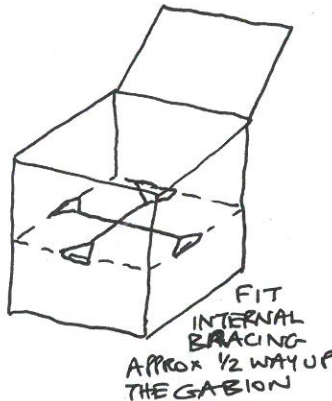
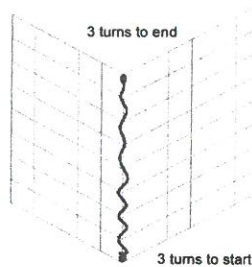
Do not cut all coils, as longer lengths of wire are needed for internal bracing.

Set assembled units in position to the correct line, level and inclination as required by the design and form joint to the adjacent units vertically.

Machine fill the gabion unit with the correctly graded rock type as outlined in the specification to 1/3rd the unit height for 1m deep units and 1/2 the unit height for 0.5m deep units. Fill a series of cells in a run. If large voids are visible within the cell, re-orientate the rock to minimise the voids. If a hand-packed face is required, then when placing rock to the cells, load to the back of the cell first, then hand pick the rock for the facing and stack to achieve a dry stone wall appearance on the face.

Install internal windlass bracing ties central to each cell on the faces (spanning 2 meshes) or alternatively if corner ties are supplied, then position a tie at each corner of the unit on the face and rear cells. Hook the tie, 4 meshes in from the corner around a mesh intersection on the face and rear panels, then wrap the free end around to secure. Diagonally brace to the side panels 4 meshes back and rotate the free end around a mesh joint intersection and wrap around to secure.

Repeat filling to full height of unit in layers and then close the lid down by jointing to all horizontal joints with lacing wire ensuring the mesh bears down on the rock fill.



purple
piglet
project



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Gabion Gardening

Galvanised mesh crates packed out with loose stones are a common site forming embankments and retaining walls along our roads. These smaller sizes (12"/30cm & 18"/45cm cubes) can make very attractive features in our gardens with a little care and thought.

In their most basic use they are easy ways to make **retaining walls**: pack them tightly with stones and bricks – remembering to fix cross supports halfway up to stop them bulging – and they become very stable.

Planters - using a variety of materials but especially thin slate or cotswold stone you can create a raised alpine planter in the round! The key thing to achieve is a complete column of John Innes No 1 compost up the middle of the planter. As you build up each layer and place alpine plants between some of the stones make sure the roots are connected to the central compost by packing in plenty of John Innes No 1 compost. When you get to the top of the gabion complete the top layer with some fine gravel in the middle so you can water from above and the central core of compost will receive all that water. You may also want to have a few small plants in the top.

Recycling – filling gabions with bits and pieces from your own garden can make a very attractive sculptural feature and it uses up all sorts of bits and pieces that are too good to throw away – odd stones collected on holiday, old bits of terracotta and brick, tiles, broken pots and old garden tools and don't forget to put in overwintering homes for our friendly garden bugs! Pack lengths of bamboo with hollow centres and small sawn up branches for winter nests.

Fix a wooden slatted **seat** on top of the larger gabion – we placed teak battens in the gabion when filling it to allow us to screw the seat top on. Sit a **birdbath or bird table** on top of the smaller ones.

The only restrictions are your imagination!

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