



HY-TEN GABION SOLUTIONS
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Triple Life 4.0mm with 5.0mm wire diameter on face panels

Gabions shall comply with the following specifications

- MANUFACTURE** Gabions shall be manufactured from a hard drawn steel wire formed into a bi-axial mesh grid by electrically welding the cross wires at every intersection.
- Gabions:-to be factory assembled with triple life coated steel C rings connecting side panels and diaphragms to the base panel.
- MESH SIZE** Mesh openings shall be square of nominal dimension of 76.2mm on the grid.
- MESH WIRE** Nominal wire diameter shall be 4.0mm for the body of the gabion and 5.0mm for the exposed face mesh, all to BS 1052
- CORROSION PROTECTION** Wire shall be triple life (95% zinc 5% aluminium) coated.
- JOINTING** Gabions shall be provided with lacing wire for site assembly. Lacing wire shall be of minimum wire diameter 2.2mm (all in accordance with the corrosion specified) for final jointing.
- ROCKFILL** Gabion fill shall be a hard durable and non frost susceptible (rock or stone type) having a minimum dimension not less than the mesh opening and a maximum dimension of 200mm.
- CONSTRUCTION** All rockfill shall be packed tightly to minimize voids and the rockfill on the exposed face of the gabion is to be hand packed.
- Internal windlass bracing ties 2 per 1sqm at 1/3rd points vertically and mid point horizontally on 1m deep units and at mid height at mid point horizontally on 0.5m deep units.
- Adjacent units to be jointed by continuous lacing on vertical and to the horizontal joints at front and rear of coursing joints
- Units shall be filled such that the mesh lid bears onto the rock fill. The lid shall be wired down on all joints and across the diaphragms.