HY-TEN GABION SOLUTIONS
Dunstall Hill Trading Estate,
Gorsebrook Road, Wolverhampton, WV6 0PJ
Tel 01902 712200 Fax 01902 714096
e-mail sales@hy-tengabions.com
web www.hy-tengabions.com

Triple Life 3.0mm 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 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 3.0mm 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.