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Triple Life 4.0mm wire diameter

- MANUFACTURE:** Gabions shall be manufactured from 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 “C” rings connecting side panels and diaphragms to the base panel.
- MESH SIZE:** Mesh Opening shall be square of nominal dimension of 76.2mm on the grid.
- MESH WIRE:** Nominal wire diameter shall be 4.0mm to BS 1052. Tensile strength for this wire is 600-800N/mm².
- CORROSION PROTECTION:** Wire shall be Triple Life (95% Zinc, 5% Aluminum) coated.
- JOINTING:** Gabions shall be provided with lacing wire for site assembly. Lacing shall be wire of nominal wire diameter 2.2mm (all in accordance with the corrosion protection specified) for final jointing.
- ROCK FILL:** Gabion fill shall be hard durable and non-frost susceptible rock or stone type having minimum dimension not less than the mesh opening and a maximum dimension of 100 mm-150mm.
- CONSTRUCTION:** All rock fill shall be packed tightly to minimize voids and the rock fill on the exposed face of the gabion is to be hand packed.
- Internal windlass bracing ties 2, per 1 square meter at 1/3rd points vertically and mid-point horizontally on 1m deep units, and at mid height and mid-point horizontally on 0.5m deep units.
- Adjacent units to be joined by continuous lacing on the vertical and the horizontal joints at front and rear of coursing joints.
- An alternative method of fixing is to use helical binders.
- Units shall be filled such that the mesh lid bears onto the rock fill. The lids shall be wired down on all joints and across the diaphragms.