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Product Specification Sheet

A.G.A. Welded Mesh Gabions

	Triple Life 3.0mm wire diameter	Triple Life 4.0mm wire diameter	Triple Life 5.0mm wire diameter
MANUFACTURE	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 stainless steel clips connecting side panels and diaphragms to the base panel.	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 C rings connecting side panels and diaphragms to the base panel.	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 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 openings shall be square of nominal dimension of 76.2mm on the grid.	Mesh openings shall be square of nominal dimension of 76.2mm on the grid.
MESH WIRE	Nominal wire diameter shall be 3.0mm to BS 1052.	Nominal wire diameter shall be 4.0mm to BS 1052	Nominal wire diameter shall be 5.0mm to BS 1052
CORROSION	Wire shall be triple life (95% zinc 5% aluminium) coated.	Wire shall be triple life (95% zinc 5% aluminium) coated.	Wire shall be triple life (95% zinc 5% aluminium) coated.
PROTECTION JOINTING	Gabions are provided with lacing wire for site assembly. Lacing wire of minimum diameter 2.2mm in accordance with the corrosion specified for final jointing.	Gabions are provided with lacing wire for site assembly. Lacing wire of minimum diameter 2.2mm in accordance with the corrosion specified for final jointing.	Gabions are provided with lacing wire for site assembly. Lacing wire of minimum diameter 2.2mm in accordance with the corrosion specified for final jointing.
ROCKFILL	Fill to be a hard durable and non-frost susceptible rock or stone. Minimum dimension not less than the mesh opening and a maximum dimension of 200mm.	Fill shall be a hard durable and non-frost susceptible rock or stone. Minimum dimension not less than the mesh opening and a maximum dimension of 200mm.	Fill shall be a hard durable and non-frost susceptible rock or stone. Minimum dimension not less than the mesh opening and a maximum dimension of 200mm.
CONSTRUCTION	Rock fill shall be packed tightly to minimize voids. Fill on the exposed face of the gabion 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 joined by continuous lacing on vertical and to the horizontal joints at front and rear of coursing joints. Units to be filled so the mesh lid bears onto the rock fill. The lid shall be wired down on all joints and across the diaphragms.	Rock fill shall be packed tightly to minimize voids. Fill on the exposed face of the gabion 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 joined by continuous lacing on vertical and to the horizontal joints at front and rear of coursing joints. Units to be filled so the mesh lid bears onto the rock fill. The lid shall be wired down on all joints and across the diaphragms.	Rock fill shall be packed tightly to minimize voids. Fill on the exposed face of the gabion 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 joined by continuous lacing on vertical and to the horizontal joints at front and rear of coursing joints. Units to be filled so the mesh lid bears onto the rock fill. The lid shall be wired down on all joints and across the diaphragms.

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