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## Technical Specifications Gabion Systems

### Gabion "4.0mm and 5.0mm face panel" triple life coating.

Basket Construction	<p>Bi-axial mesh grid formed from drawn steel wire electrically welding the cross wires at every intersection.</p> <p>Factory assembly using stainless steel clips connecting side panels and diaphragms to base units.</p>
Mesh	<p>Wire of diameter 4.0mm for main body and 5.0mm to the exposed face mesh to BS1052.</p> <p>Openings square in shape of 76.2mm on the grid.</p>
Corrosion Protection	<p>Triple life coating of 95% Zinc and 5% Aluminium.</p>
Jointing	<p>Jointing by lacing wire of 2.5mm, all to the above corrosion standard.</p>
Fill	<p>Non frost susceptible hard rock or stone having maximum dimensions of 200mm and minimum dimension of not less than the mesh opening.</p>
Installation and Construction	<p>Minimise voids by packing the in-fill tightly and hand packing exposed face for appearance.</p> <p>Internal windlass bracing ties at <math>2/m^2</math> at <math>1/3</math> points vertically and at the midpoint horizontally on 0.5m baskets.</p> <p>Adjacent units jointed using continuous lacing on the vertical and horizontal joints at the front and rear of coursing joints.</p> <p>Units filled until the lid is in full and hard contact with the in-fill along its width and length, then wired down on all joints and across diaphragms.</p>