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## Technical Specifications Gabion Systems

### Gabion "3.8 – 4.3mm" PVC 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 3.8mm to BS1052.</p> <p>Openings square in shape of 76.2mm on the grid.</p>
Corrosion Protection	<p>Galvanised to BSEN 10244-2:2001 and coated with fusion bonded green PVC, after welding nominally 0.25 radial thickness.</p>
Jointing	<p>Jointing by lacing wire of 2.2mm, with an extruded PVC sheath of nominal thickness 0.5mm for final jointing.</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 2/m<sup>2</sup> at 1/3 points vertically and at the midpoint horizontally on 1.0m baskets and at both mid points for horizontal and vertical on 0.5m units.</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>

