

## PVC COATED WELDED MESH GABION BASKET

### Technical Specification



#### AT A GLANCE

Additional Information	
Material	Galvan Coated Steel
Construction	Bi-axial electrically welded square mesh
Coating	PVC (Polymer Powder Coated Grey)
Hole Size	75mm x 75mm
Wire Diameter	3.2mm or 4.3mm
Tensile Strength Range	540 - 770 N/mm <sup>2</sup>
Weld Strength	75% of min. wire tensile strength
Colour	Grey
Size Categories	C2 to C5
Conforms to	BS EN 10223-8:2013
Life Expectancy	Up to 120 years
Manufactured in	UK
Available Lengths	Any size in multiples of 75mm x 75mm
Available Depth	Any size in multiples of 75mm x 75mm
Available Height	Any size in multiples of 75mm x 75mm (max 97.5cm)
Delivered	Flat Packed

## CERTIFICATION

- All gabions are manufactured to the requirements of BS EN 10223-8:2013
- Inner wires are Galvan coated (95% Zinc / 5% Aluminium) in accordance with BS EN 10244-2:2009 (Class A)
- Inner wires are coated with organic polymer powder coating (grey) which complies with BS EN 10245-1:2011 and BS EN 10245-2:2011
- All wires used in the manufacturing process have a tensile strength between 540-770 N/mm<sup>2</sup>, as specified in BS EN 10218-2:2012
- The gabions have a life expectancy of up to 50 years in a 'low aggressive C2 environment'
- Certificate of conformity available upon request

## MATERIALS & CONSTRUCTION

- The mesh panels are electrically welded together - the joints have 75% of the strength of the wire
- The size of the holes in the mesh is 75mm x 75mm.
- We have a choice of wire diameter is 3mm, 4mm and 5mm
- The mesh panels are joined together by Galvan coated CL50 'C' rings at a maximum spacing of 225mm
- All gabions are supplied flat packed

## FITTING MATERIALS

	Lacing Wire	Helical	Corner Ties
	<a href="#">View Web Page</a>	<a href="#">View Web Page</a>	<a href="#">View Web Page</a>
Cost	Free with any gabion order	Additional cost	Additional cost
Wire Diameter	2.2mm	3mm	3mm
Manufacturing Certification	BS EN 10218-2:2012	BS EN 10218-2:2012	BS EN 10218-2:2012
Tensile Strength	Between 350 to 550 N/mm <sup>2</sup> .	Between 350 to 550 N/mm <sup>2</sup> .	Between 350 to 550 N/mm <sup>2</sup> .