

PVC COATED WELDED MESH GABION BASKET

Technical Specification



Manufactured in Europe, to BS EN Standards 

AT A GLANCE

| Additional Information | |
|------------------------|--|
| Material | Galfan 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 ² |
| 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 (max 202.5cm) |
| Available Depths | Any size in multiples of 75mm x 75mm (max 97.5cm) |
| 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 wire 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/mm², as specified in BS EN 10218 - 2:2012
- The gabions have a life expectancy up to 120 in saltwater environments
- 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 are 75mm x 75mm
- We have a selection of wire diameters that are 3.2mm or 4.3mm
- The mesh panels are joined together by Galvan Coated CL50 'C' rings at a maximum spacing of 225mm
- All gabions are supplied pre-clipped at the bottom and flat packed

FITTING MATERIALS

| | Lacing Wire | Helicals | Corner Ties |
|------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | View Web Page | View Web Page | View Web Page |
| 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 ² | Between 350 to 550 N/mm ² | Between 350 to 550 N/mm ² |