

## 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 <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 (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 Galfan 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 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 Galfan 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                          |
|-----------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|                             | <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> |