

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	Galfan Coated
Hole Size	75mm x 75mm
Wire Diameter	3mm, 4mm or 5mm
Tensile Strength Range	540 - 770 N/mm ²
Weld Strength	75% of min. wire tensile strength
Colour	Grey
Size Categories	C2 to C4
Conforms To	BS EN 10223 - 8:2013
Life Expectancy	Up to 50 years for C2
Manufactured in	Europe
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
- All fabric is Galfan Coated (95% Zinc / 5% Aluminium) in accordance with BS EN 10244 - 2:2009 (Class A)
- 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 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 selection of wire diameters: 3mm, 4mm or 5mm
- 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
	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/mm²	Between 350 to 550 N/mm²	Between 350 to 550 N/mm²