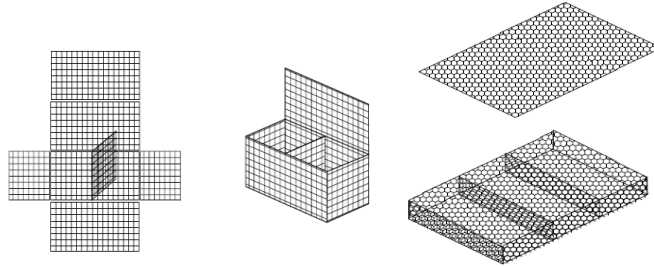


ENVIROGEO™

WELDMESH™ GI & PLASTIC COATED GABION & MATTRESS



PRODUCT SPECIFICATION

STANDARD GABIONS/MATTRESSES

Gabion dimensions	Mesh specifications	Volume cu m	Type of mesh quality/ Wire diameter
1m x 1m x 1.0m	100 x 75 x 2.5mm	1.0	Galvanised Or Alu-zinc coated wire Or Polymer coated GI wire
2m x 1m x 0.5m	100 x 75 x 3.15mm	1.0	
2m x 1m x 1.0m		2.0	
3m x 1m x 0.5m	75 x 75 x 2.5mm*	1.5	
3m x 1m x 1.0m		3.0	
Mattress dimensions	75 x 75 x 3.15mm*		
3m x 2m x 0.3m		1.8	
4m x 2m x 0.5m		4.0	

CUSTOM MADE GABION SUGGESTIONS

Length(m)	Width(m)	Height(m)	Apertures (mm)	Type of mesh quality/ Wire diameter
1.00	1.00	1.00	50 x 50	Heavily Galvanised or Alu-zinc coated wire Wire Dia (mm): 2.20, 2.50, 2.70, 3.00, 4.00, 5.00
1.50	1.00	1.00	75 x 75	
2.00	1.00	1.00	100 x 50	
3.00	1.00	1.00	100 x 100	
4.00	1.00	1.00	100 x 120	
1.00	1.00	0.50	50 x 50	Polymer coated on Heavily Galvanised or Alu-zinc coated wire Wire Dia (mm): 2.5/2.8, 2.7/3.0, 3.0/3.3, 4.0/4.3, 5.0/5.3
2.00	1.00	0.50	75 x 75	
3.00	1.00	0.50	100 x 50	
4.00	1.00	0.50	100 x 100	

CHARACTERISTICS	WELD MESH™ Gabions/Mattresses are manufactured from cold drawn steel wire and conform to BS1052:1986 for tensile strength. It is then electrically welded together and Hot Dip Galvanised or Alu-Zinc coated to BS443/EN10244-2, ensuring a longer life. The meshes can then be organic polymer coated to safeguard against corrosion and other weathering effects, especially when the gabions are to be used in salty and highly polluted environments. Our Alu-Zinc* mesh is coated using advanced galv-alume process. Lacing wire shall be provided separately.
PRODUCT LIFE	ENVIROGEO™ WELDMESH Gabions and mattress/wire mesh products have characteristics properties to allow it to be used in environmental stabilization/retaining walls/breast wall applications with appropriate design considerations, for design life in the medium term (60 years).
QUALITY CONFORMANCE	ENVIROGEO™ WELDMESH Gabions and mattress/wire mesh products are produced under ISO 9001-2008 standards. WELDMESH Polymer powder coated Welded mesh gabions are designed to be equivalent to the requirements of the MoRTH Specification of Highway Works.
APPLICATIONS	ENVIROGEO™ WELDMESH Gabions and mattress/wire mesh products are used extensively as boulder crates, breast walls, revetment protection apron, reinforced mattresses, Hill slope stabilization etc.

ENVIROGEO™ is registered Trade Mark owned by Enviro Group, India



Certified by ISO 9001:2008 quality accreditation for Design & Production of Geosynthetics

Manufactured in India by:

Reinforced Soil Technologies P. Ltd

(Subsidiary of Enviro Group, India)

1405, DLF Galleria, DLF City Phase-4 Gurgaon, Haryana-122002, India

Tel : +91.124.4050615-6. Fax: +91.124.4050617.

E-mail : info@envirogeo.com, admin@reinforcedsoil.in, admin@reinforcedearth.in



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Assuring Sustainable Environment™

www.envirogeo.com, www.reinforcedsoil.in