

Environmental solutions for LANDSCAPING

GARDENING WITH GABIONS

Sometimes the topography of your garden demands some form of terracing or soil reinforcing to stabilise embankments and steep slopes which are susceptible to soil erosion and potentially catastrophic slope failure.

Stabilising an embankment can be done in an attractive, aesthetically pleasing manner: by using a combination of gabion products. These include:

- Conventional gabions
- Garden gabions
- Green Terramesh™

BIODEGRADABLE SOIL BLANKETS

Biodegradable soil blankets give immediate erosion control and a stable medium to support healthy plant growth. The closely arranged fibres intercept the energies of impacting raindrops and water scour, keeping the underlying soil in place.

The dense mat acts as mulch, creating a localised “trap” for soil, seeds, water and nutrients. On biodegradation, soil fertility is enhanced.



Figure 1



Figure 2

BioMac™

BioMac™ is a biodegradable coir mat manufactured from randomly arranged coconut husk fibres layered between photosensitive polypropylene netting.



Figure 3 - BioMac™

BioJute

BioJute is a coarse, biodegradable fabric woven into an open mesh from rugged heavy jute yarn.



Figure 4 - BioJute

GEOSYNTHETIC SOIL BLANKETS - MACMAT™

MacMat™ is a three-dimensional geomat consisting of entangled polypropylene monofilaments that are heat bonded at the contact points to provide a dimensionally stable matrix. It is a permanent erosion control product composed of UV stabilised, non-degradable synthetic fibres.



Figure 5 - MacMat™



Figure 6 - MacMat™ (Before)



Figure 7 - MacMat™ (After)

MACWALL SYSTEM

MacWall has outer beauty and inner strength. Finally an aesthetically pleasing answer to an engineering problem. MacWall's unique features and benefits include:-

- Durable Components – 75 year design life
- Aesthetic Appeal – options of colours, textures, patterns
- Design Flexibility – can create curves, corners and unique geometries: excellent for creating planters
- Ease of Construction – quick and easy to install, positioned using unique pin system.
- Cost Effective Solutions – competitive with all MSE structures.



Figure 8 - MacWall



Figure 9 - MacWall