

Enviromat[®]

Erosion Control Blanket



Australian Made
Biodegradable solutions

Soil erosion is a problem for every engineer. Effective prevention of soil erosion is best achieved through immediate treatment of exposed slopes. Such treatment minimises soil loss and stimulates vegetative growth. **Enviromat®** provides the solution.

What is Enviromat®?

Enviromat® is a biodegradable erosion control blanket that stabilises disturbed soil until vegetative cover is achieved.

Enviromat® consists of poplar woodwool contained within an external polypropylene mesh. It degrades with exposure to ultraviolet light and climatic conditions, with typical installations lasting between 12-36 months.

Enviromat® protects the topsoil and seed from:

- surface erosion from rainfall impact
- moisture loss through evaporation
- temperature extremes

Enviromat® works by protecting the soil from raindrop impact and reducing overland flow velocity.

Where is Enviromat® used?

Enviromat® is typically used in or around:

- embankments
- areas with heavy initial rainfall
- low velocity drainage channels
- areas subject to snow cover

Enviromat® is installed following surface preparation and seeding.

Material Properties

Rolls:

- 60 metres long x 1.1 metre wide
- approximately 66 m² coverage (excluding over laps)
- approximately 30 kg in weight
- individually plastic wrapped

Poplar Woodwool:

- density of approx. 500 g/m²
- shredded branch and trunk material only
- no seed heads or shoot bearing material used.



Typical erosion problem



Enviromat® provides a solution

Mesh:

- green biodegradable polypropylene mesh
- 0.3 mm diameter strand
- mesh dimensions 37 mm x 25 mm
- typical life 12-36 months (UV dependent)

Steel Pegs:

- minimum 3.1 mm diameter
- minimum 100 mm length
- U-shaped mild steel pegs

IMPORTANT NOTICE

The information contained in this brochure is general in nature. In particular the content of this brochure does not take account of specific conditions that may be present at your site. Site conditions may alter the performance and longevity of the product and in extreme cases may make the product wholly unsuitable. Any data or specifications contained in this brochure are average values obtained in our laboratory. Actual dimensions and performance may vary. If your project requires accuracy to a certain specified tolerance level you must advise us before ordering the product from us. We can then advise whether the product will meet the required tolerances. Where provided, installation instructions cover installation of product in site conditions that are conducive to its use and optimum performance. If you have any doubts as to the installation instructions or their application to your site, please contact us for clarification before commencing installation. In all cases we recommend that advice be obtained from a qualified consulting engineer before proceeding with installation. © Copyright held by Geofabrics Australasia Pty Ltd. All rights are reserved and no part of this publication may be copied without prior permission.

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