EROSION CONTROL SOLUTION

Geomat®

100% COIR MATERIAL

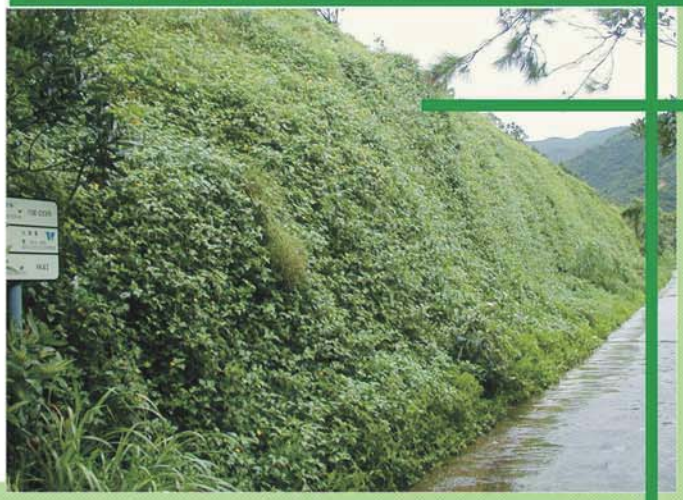
COST SAVING

For

- Steep slopes and highway embankments
- Shores of reservoirs and lakes
- Banks of rivers and ditches
- Slopes of flood bunds
- Dam spillways
- Landscaping









Advantages:

- No topsoil is required
- Environmental friendly
- Low heat absorption rate
- High moisture retaining capacity
- Encourage bioengineering for creeping plant

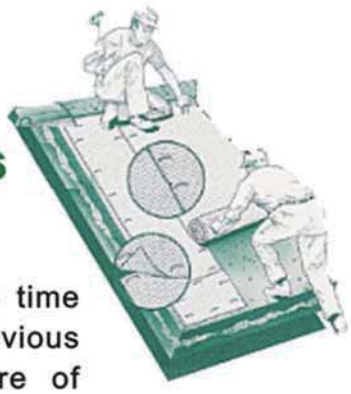
BIODEGRADABLE

TOYO GREENLAND CO., LTD.

GEOMAT® SPECIFICATIONS

Properties	Test Method	GM 500
Yarn	ANJENGO : wheel spun,well cleaned,evenly spun and uniformly twisted	
Material	·	100% Spun Coir
Weight/Sqm	ASTM 3776C	500 grams
Open Area	·	65%
Wide Width Tensile	ASTM D 4595-86	·
Dry	kN	0.82
Wet	kN	0.69
Elongation at Failure	%	·
Dry	(XD/RD)	35/30
Wet	(XD/RD)	47/44
Thickness	·	8mm

XD:Cross Roll Direction
RD:Roll Direction



● Helpful Hints

1. Starting a new roll .
While joining a new roll at the time of start, overlap the end with previous one. It protects against failure of seam while excessive water flows.

2. Repositioning of Geomat ®
If you need to reposition the Geomat®, we recommend to re-roll and re-apply. Avoid dragging of Geomat®.

3. Storage.
To avoid wearing and tearing of the Geomat ®. It should be stored in dry condition.

● Installation

1. Ground Preparation:
Prepare the soil by grading area free of clods and large stones. Do not compact.

2. Laying Method:
Geomat® should be applied by unrolling down the slope or in the direction of water flow. Remember to lay Geomat® loosely, DO NOT STRETCH!

3. Hydroseeding:
Hydroseeding should be sprayed evenly over the prepared Geomat ® .

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