

# EROSION CONTROL SOLUTION

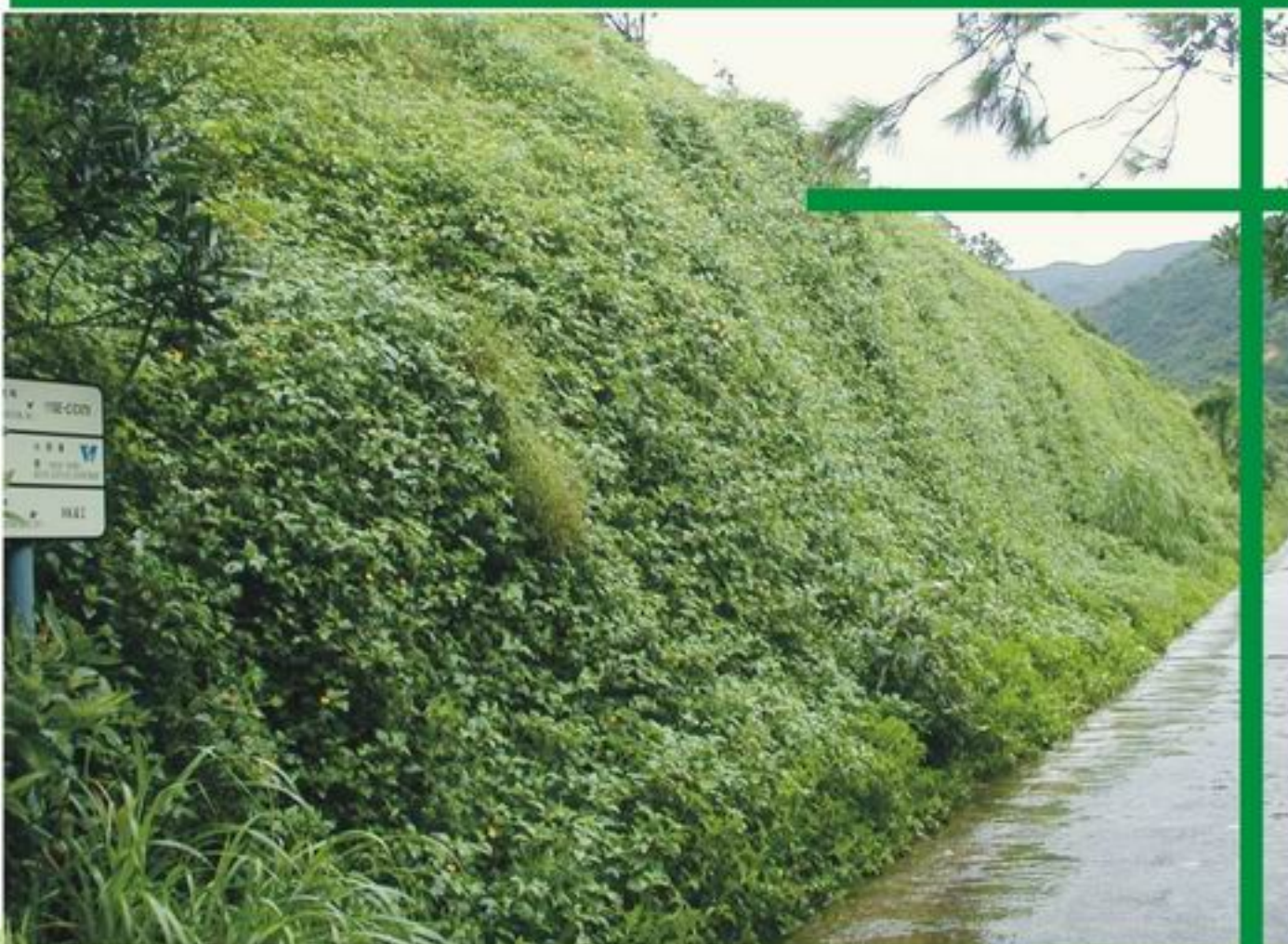
## *Geomat*<sup>®</sup>

100% COIR MATERIAL

### For

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

## COST SAVING



### Advantages:

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

## BIODEGRADABLE

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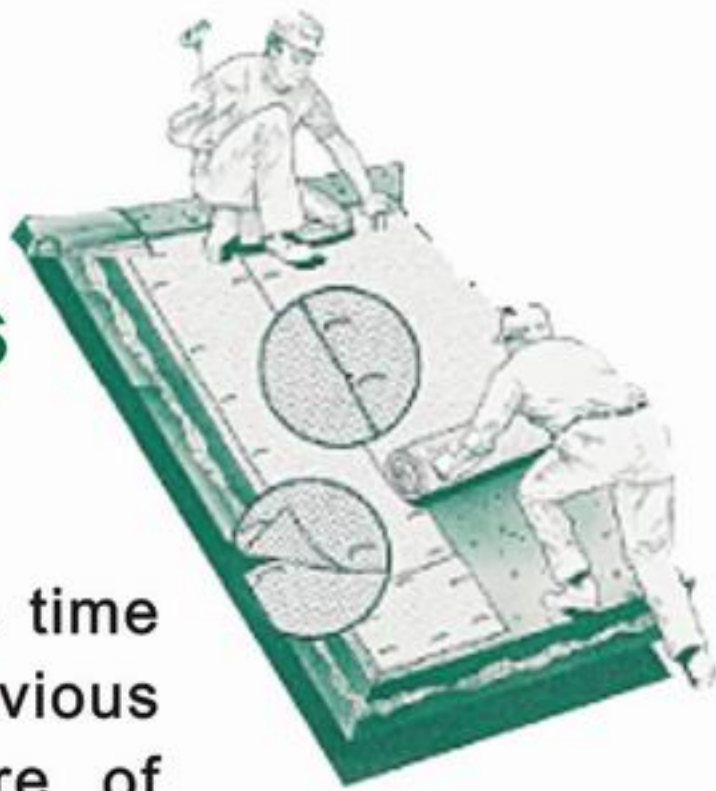


# GEOMAT<sup>®</sup> SPECIFICATIONS

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<sup>®</sup>

If you need to reposition the Geomat<sup>®</sup>, we recommend to re-roll and re-apply. Avoid dragging of Geomat<sup>®</sup>.

### 3. Storage.

To avoid wearing and tearing of the Geomat<sup>®</sup>. 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<sup>®</sup> should be applied by unrolling down the slope or in the direction of water flow. Remember to lay Geomat<sup>®</sup> loosely, **DO NOT STRETCH!**

### 3. Hydroseeding:

Hydroseeding should be sprayed evenly over the prepared Geomat<sup>®</sup>.



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