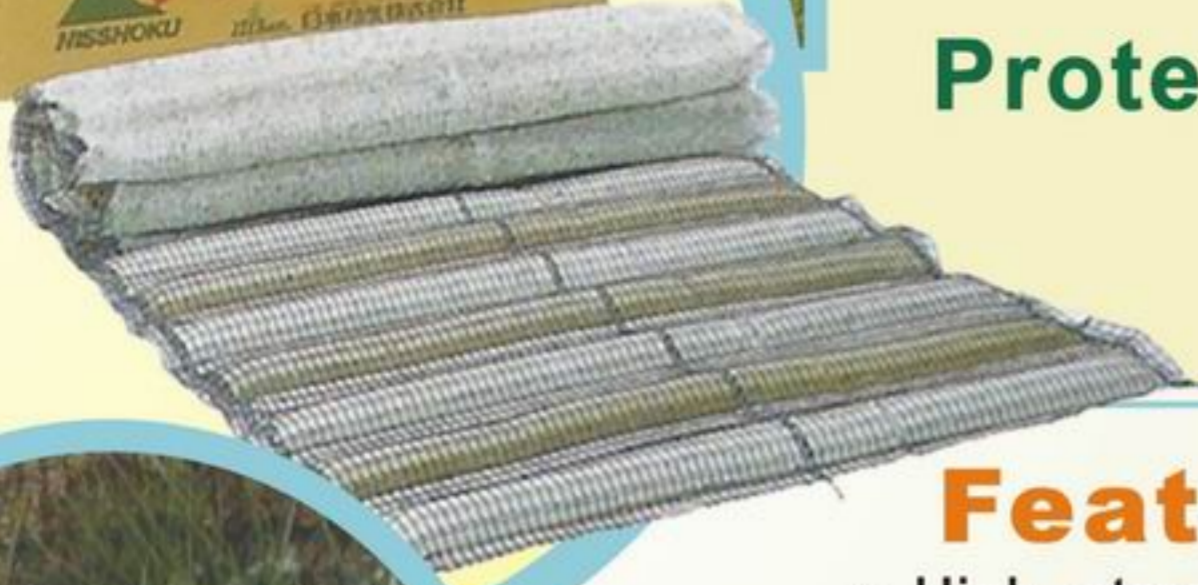


Composite Erosion Control Mat

KANGAROO MAT I



Protection and Vegetation on *Steep* Slope

Feature

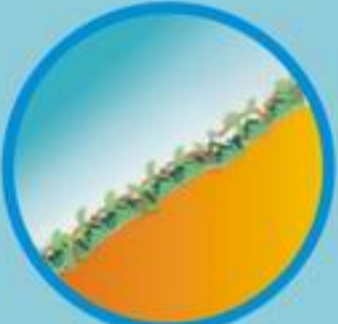
- High strength erosion control mat prevents surface erosion
- Fabricated seed and fertilizer guarantee successful germination
- High moisture retaining cotton fabric secures the seed on ground
- Slow release fertilizer strip minimizes follow-up fertilizing
- Organic soil factor strip moderates in-situ soil nutrient content

Advantages

- Combination of hydroseeding and erosion control and maintenance
- Convenience installation without machine
- Low maintenance cost
- No topsoil is required
- Encourage growth of creeping plant
- Secure seed on the ground
- High moisture retaining capacity



Maximum Application Gradient



Vegetation Objective



Maintenance Free



Prefabricated Seed & Fertilizer



Erosion Control



APPLICATION SURFACE

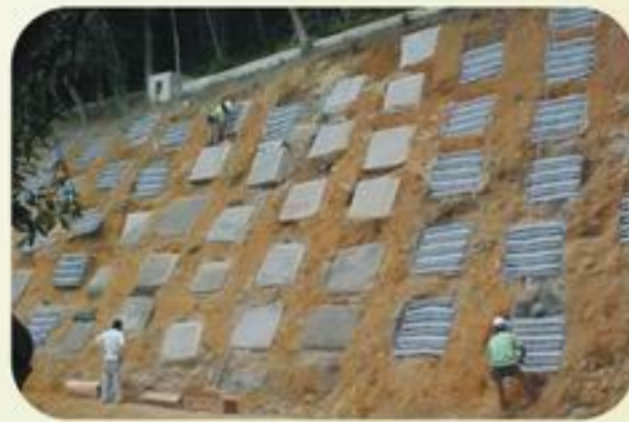
• Cement Soil

• Colluvium Soil

• Highly Decomposed Soil

• Soil Nail Head Surface

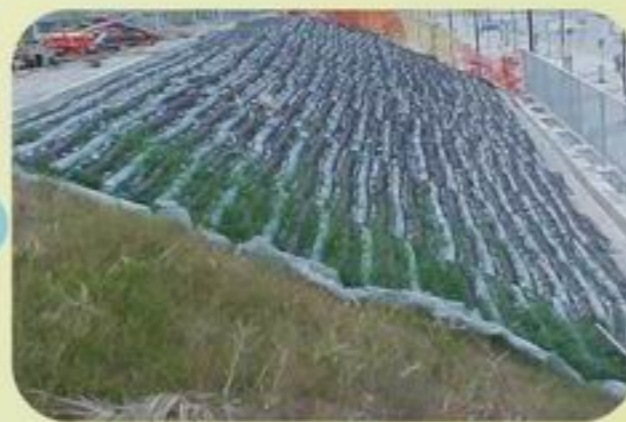
Soil Stabilization



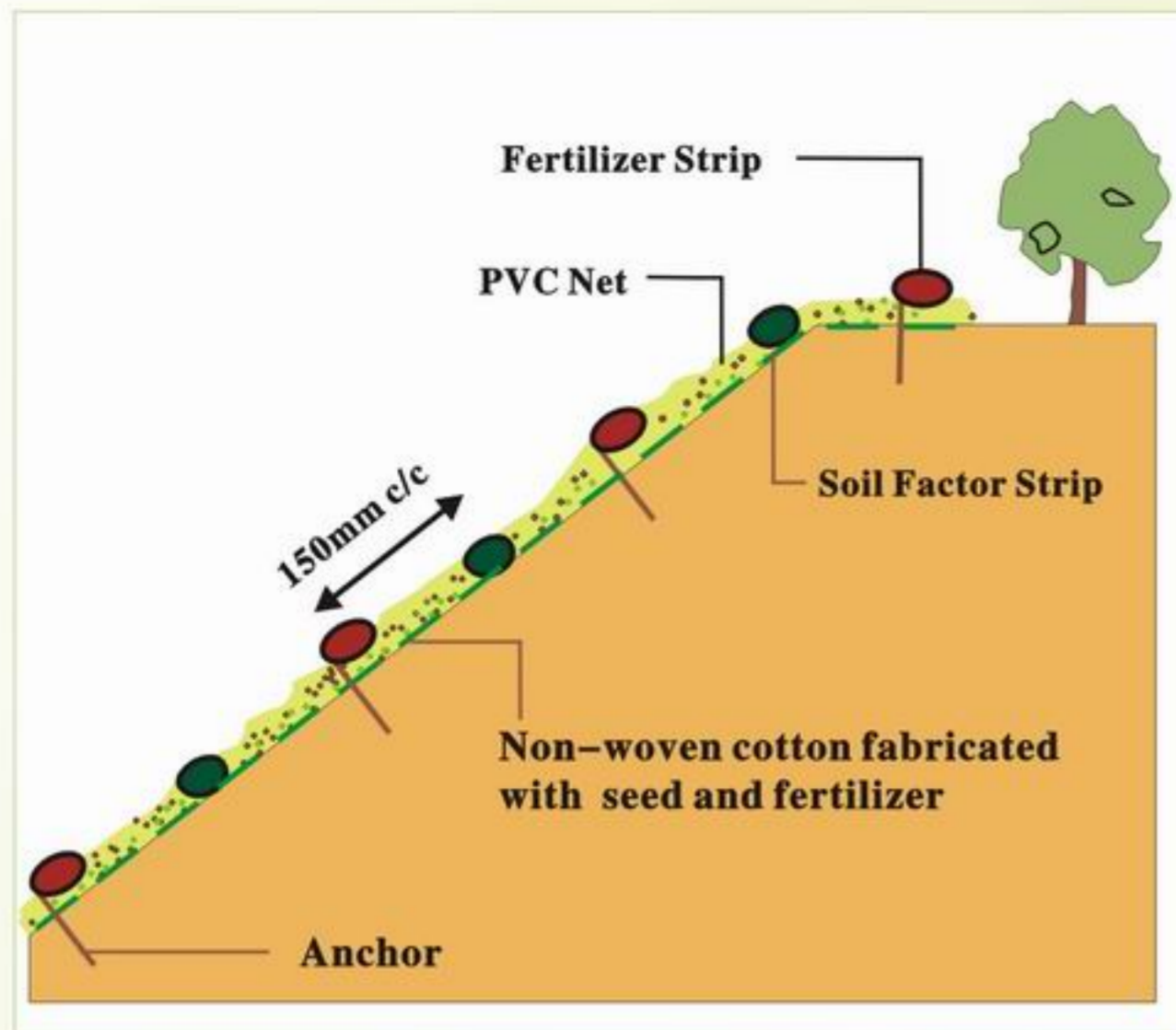
Rock Slope Stabilization



Special Fill Embankment



INSTALLATION PROCEDURE



General installation procedure:

1. The loose surface sand, stones covering the slope should be removed and surface irregularities should be corrected prior to the fixing of net.
2. The side of the sod, which the seeds and fertilizer are attached, must be laid so it faces downward.
3. When laying sod, be sure that the special fertilizer strip adhere tightly to the ground.
4. The anchor which stop the sod from moving, must be pounded into the lower side of fertilizer strip as sketch enclosed.
5. The material must be stored in a dry ventilated area and out of direct sunlight.

SPECIFICATION OF KANGAROO MAT I

Product	Unit	Dimensions	Quantity per carton	Fertilizer/Soil Factor Strip	Direction Properties		
					Transverse	Longitudinal	
Kangaroo Mat I	m ²	Width 1m Length 3m	3m ²	150mm c/c	Strength(kN/m)	0.4	3.8
					Rate of Elongation	144.8%	42.8%

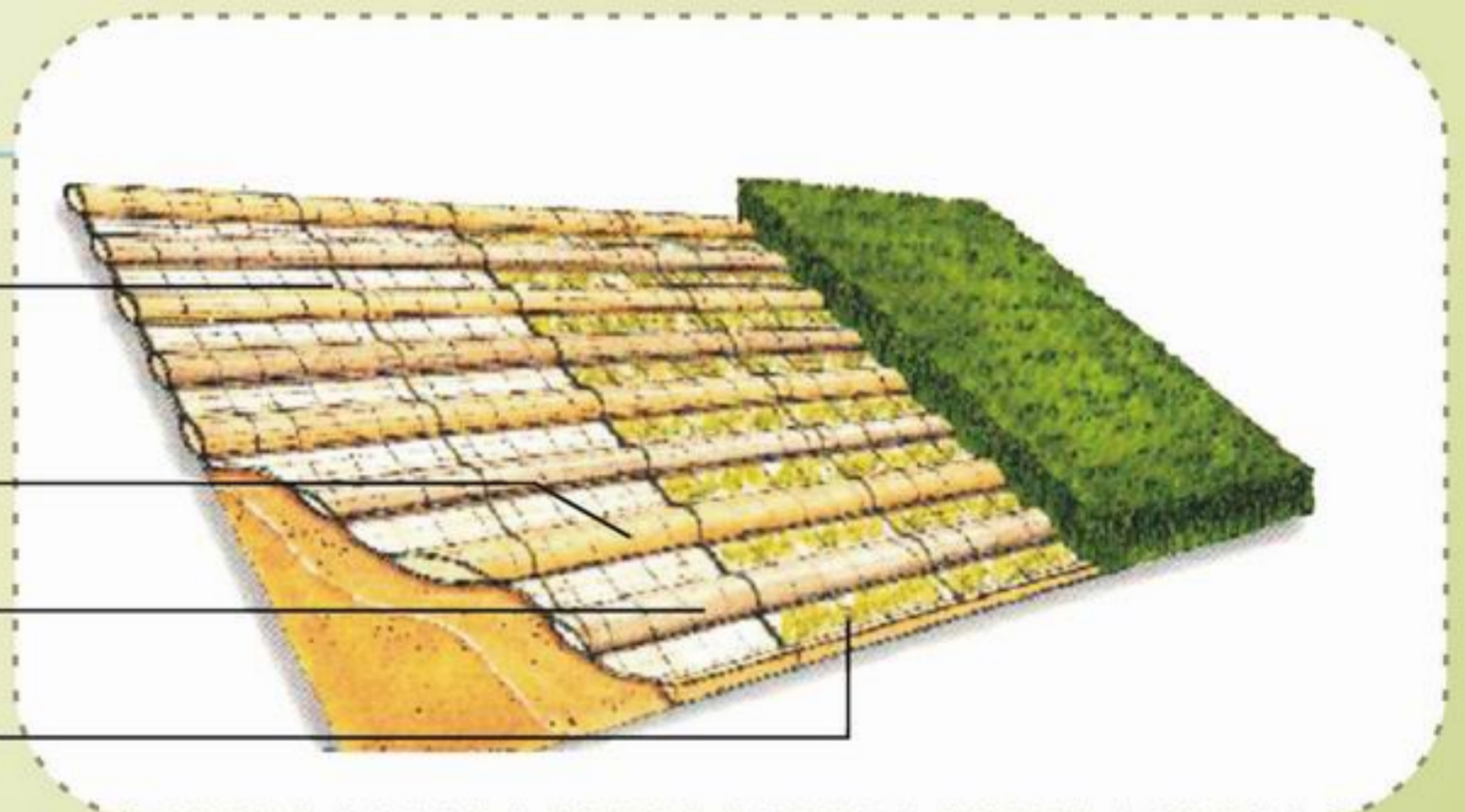
Detail

Non-woven cotton fabricated with seed and fertilizer

Soil Factor Strip

Fertilizer Strip

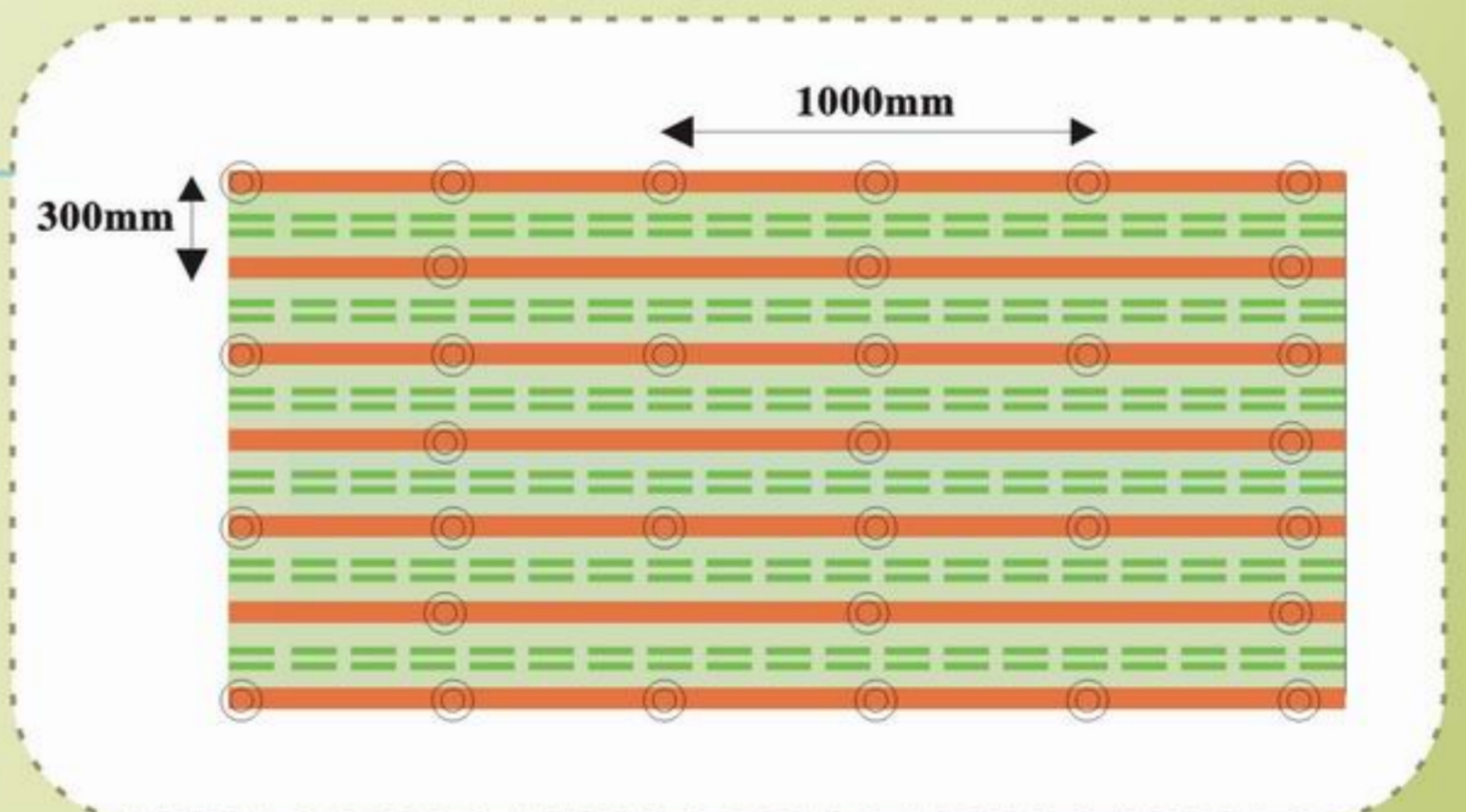
PVC Net



Position for Fixing Anchor

- Fertilizer Strip
- Soil Factor Strip
- Anchor

*The anchor pattern depends on the type of slope surface.



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