

# Composite Erosion Control Mat KANGAROO MAT II



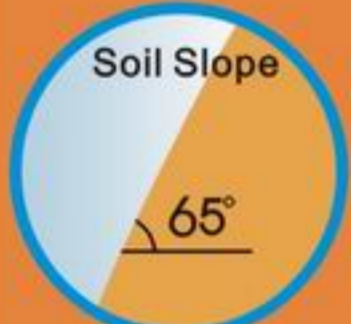
## Protection and Vegetation on *Steep* Slope

### 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

### Advantages

- Combination of hydroseeding, 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

- Colluvium Soil
- Deposited Soil

- Soil Slope with Soil Nail
- Highly Decomposed Soil

### Shotcrete Slope Rehabilitation



### Natural Scar Rehabilitation

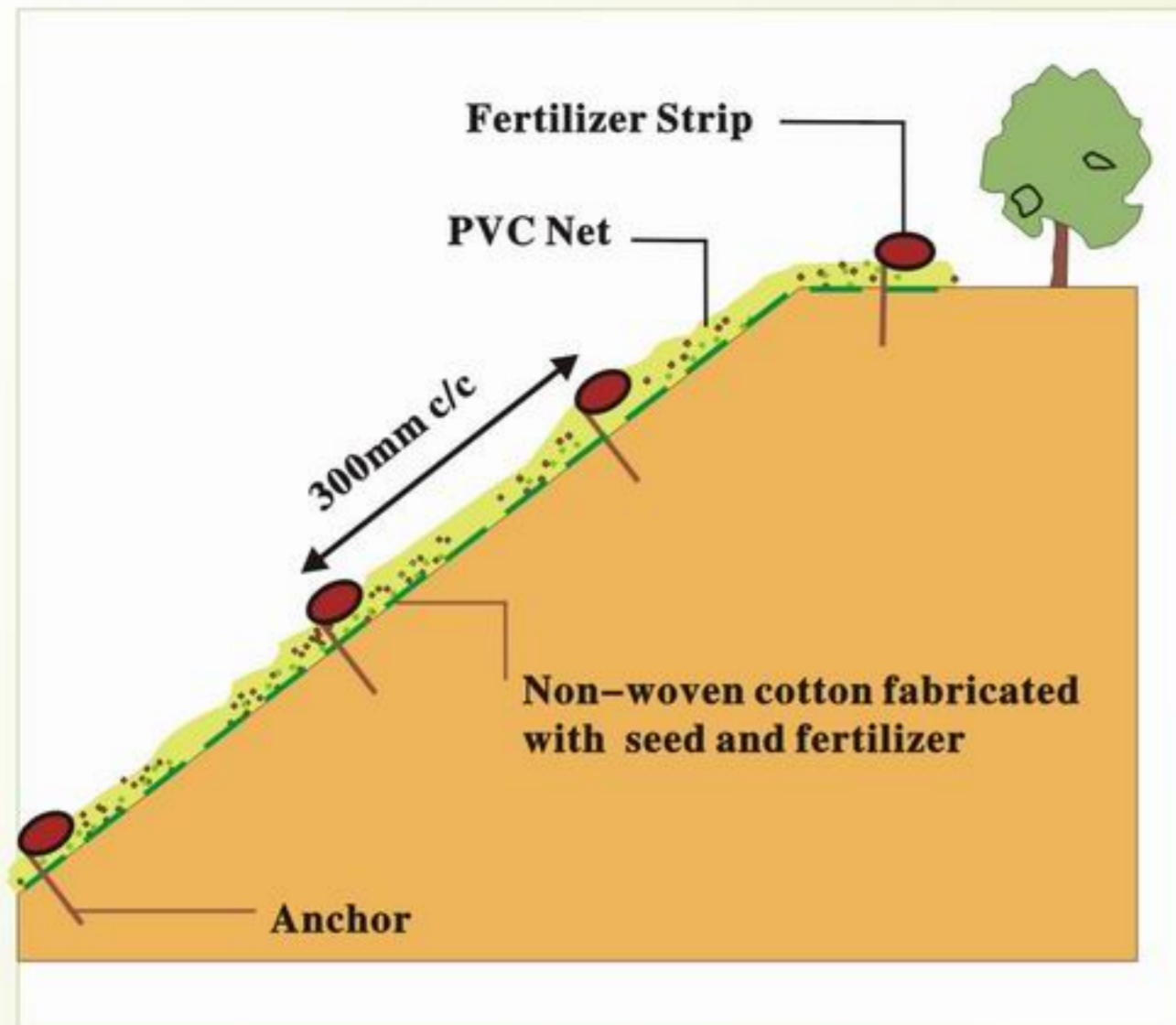


### Soil Slope Stabilization





# 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 II

Product	Unit	Dimensions	Quantity per carton	Fertilizer Strip	Direction		
					Properties	Transverse	Longitudinal
Kangaroo Mat II	m <sup>2</sup>	Width 1m Length 5m	10m <sup>2</sup>	300mm c/c	Strength( kN/m )	0.3	3.7
					Rate of Elongation	144.8%	42.8%

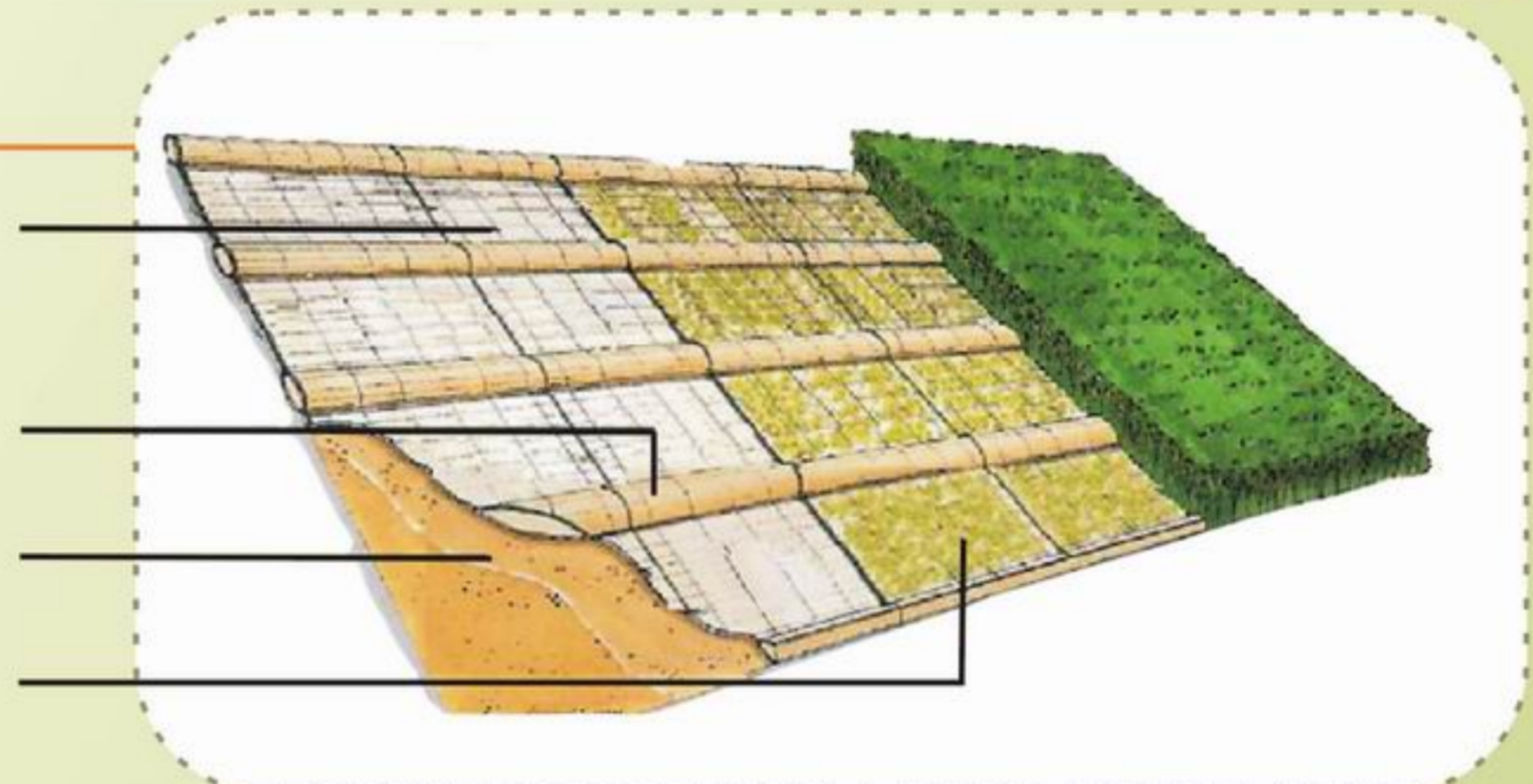
## Detail

Non-woven cotton fabricated with seed and fertilizer

Fertilizer Strip

Existing Soil

PVC Net

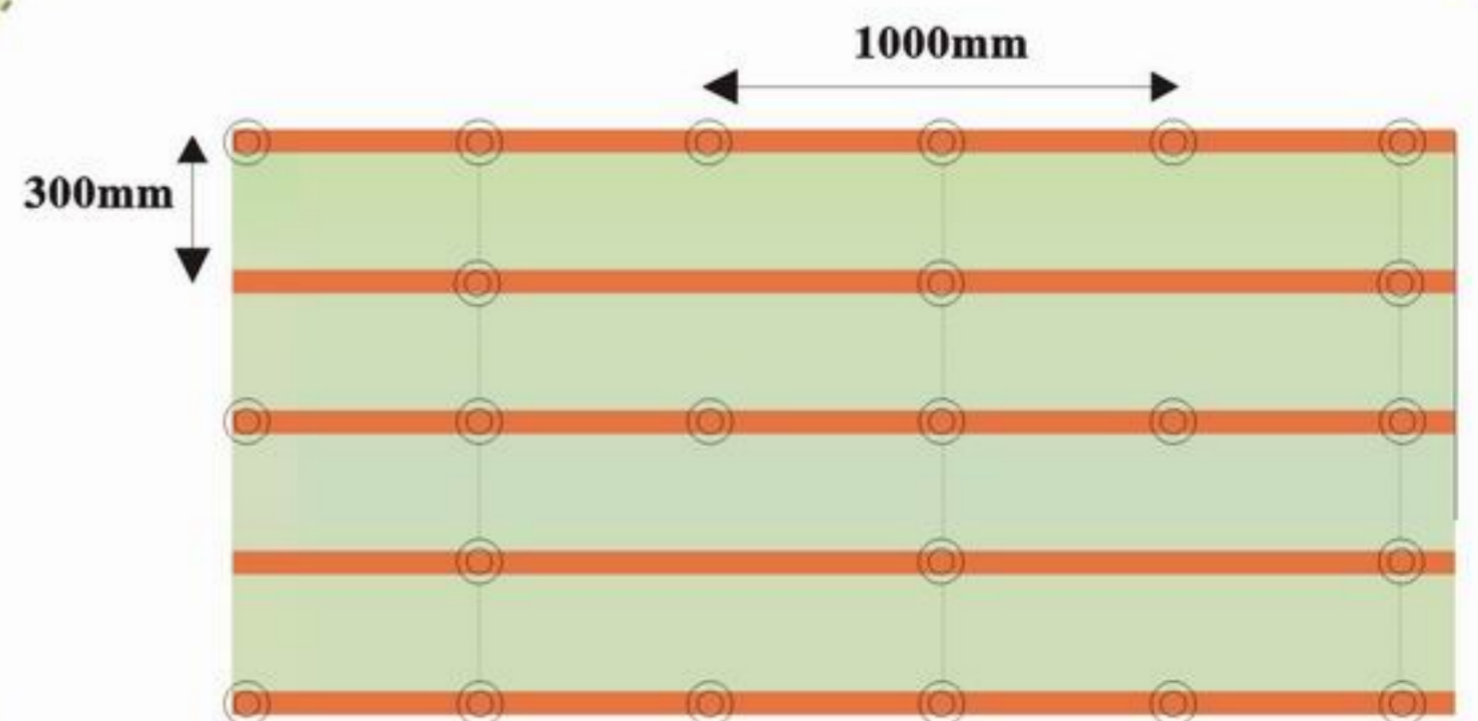


## Position for Fixing Anchor

— Fertilizer Strip

⊙ Anchor

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



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