

Composite Erosion Control Mat

HARISHIBA KANGAROO MAT



Protection and Vegetation on 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 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



APPLICATION SURFACE

- Bare Slope
- Deposited Soil

- Soil Slope with Soil Nail
- Completed Decomposed Soil

Soil Slope Stabilization



Pipeline Installation



Slope Erosion Rehabilitation



Maximum Application Gradient



Vegetation Objective



Maintenance Free



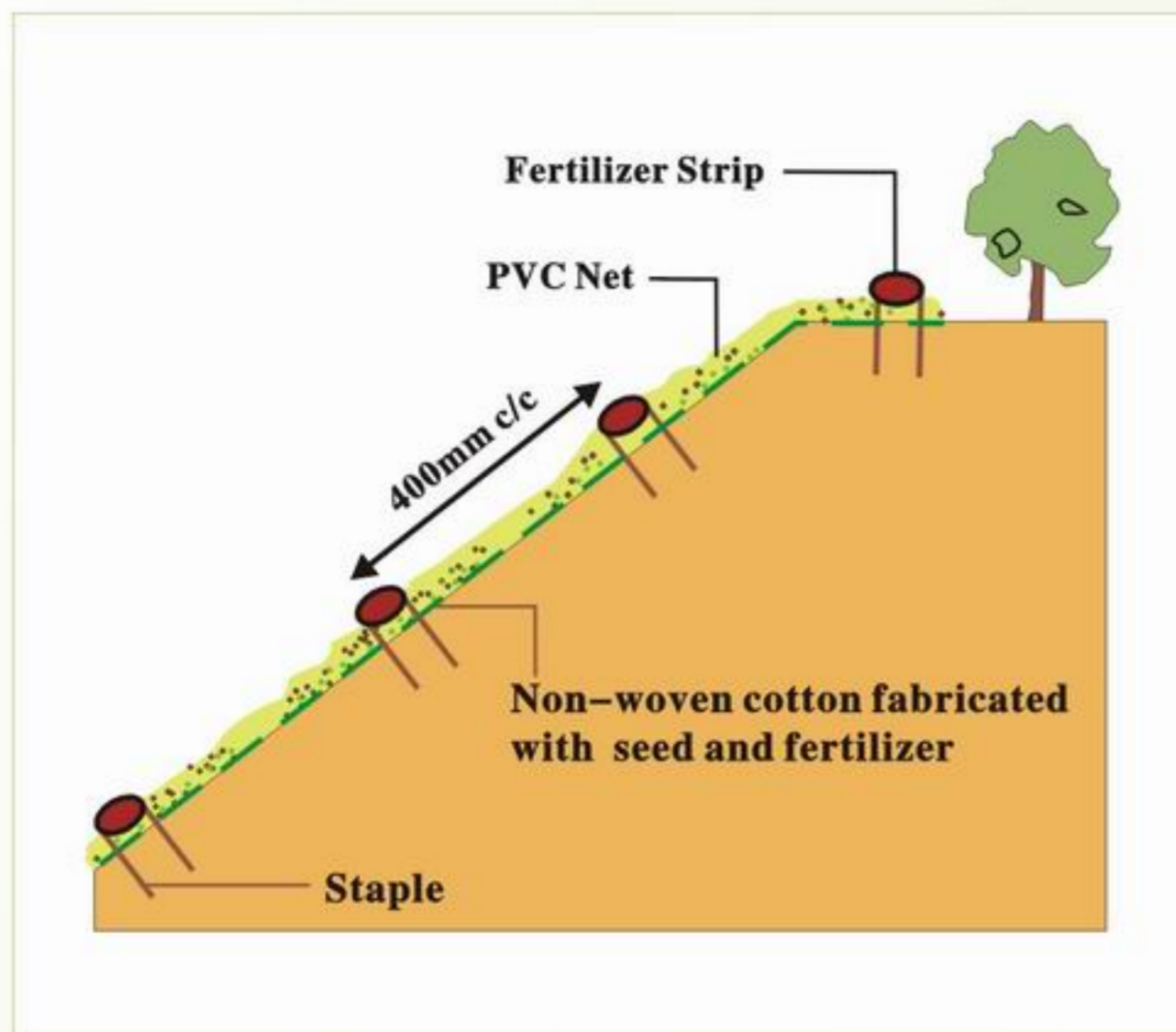
Prefabricated Seed & Fertilizer



Erosion Control



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 staple 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 HARISHIBA KANGAROO MAT

Product	Unit	Dimensions	Quantity per carton	Fertilizer Strip	Direction Properties		
					Transverse	Longitudinal	
Harishiba Kangaroo Mat	m ²	Width 1m Length 10m	20m ²	400mm c/c	Strength(kN/m)	0.2	1.4
					Rate of Elongation	108.4%	25.7%

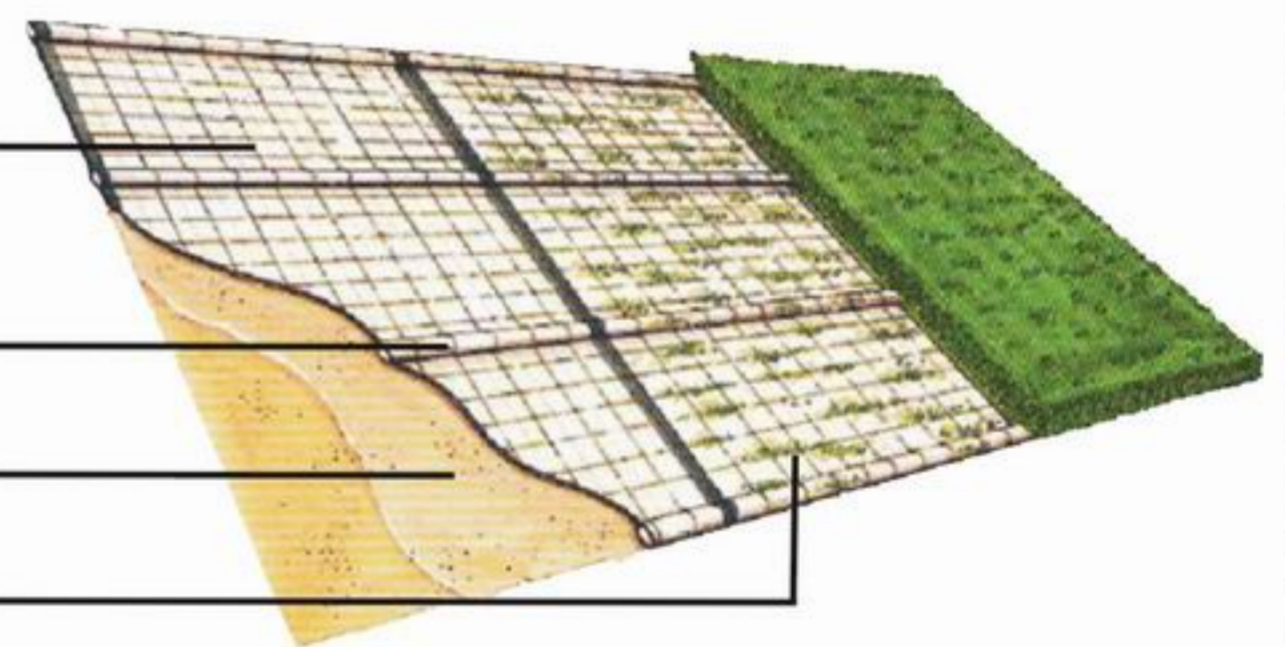
Detail

Non-woven cotton fabricated with seed and fertilizer

Fertilizer Strip

Existing Soil

PVC Net

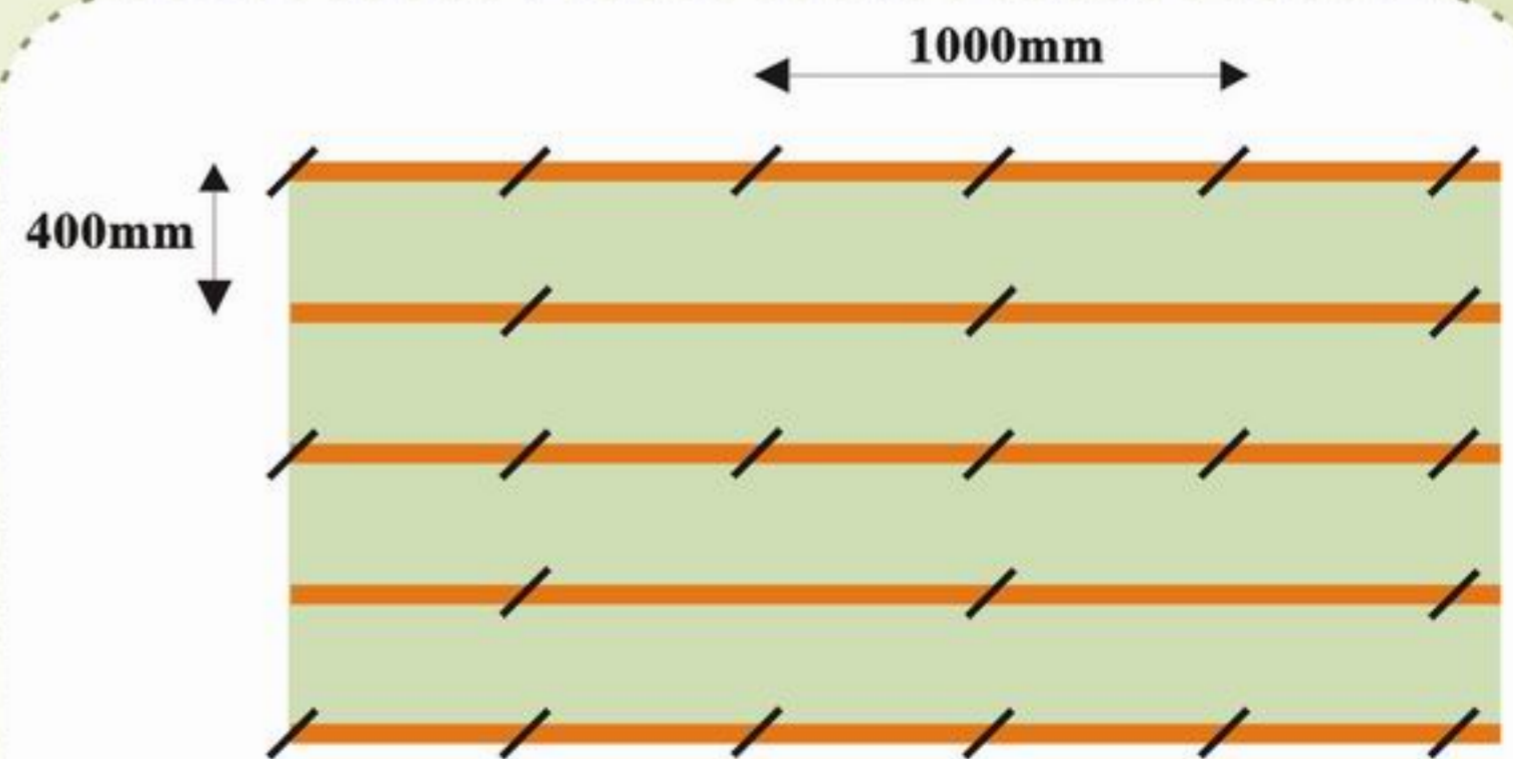


Position for Fixing Staple

— Fertilizer Strip

/ Staple

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



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