

# Composite Erosion Control Mat

## HARISHIBA MAT

### Protection and Seeding for Gentle 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

### Advantages

- Combination of hydroseeding and erosion control
- Convenience installation without machine
- No topsoil is required
- Secure seed on the ground.

## APPLICATION SURFACE

• Deposited Soil

• Completed Decomposed Soil

### River Channel Protection



### Slope Embankment



### Wet Land Rehabilitation



Soil Slope

45°

Maximum Application Gradient



Vegetation Objective



Maintenance Free



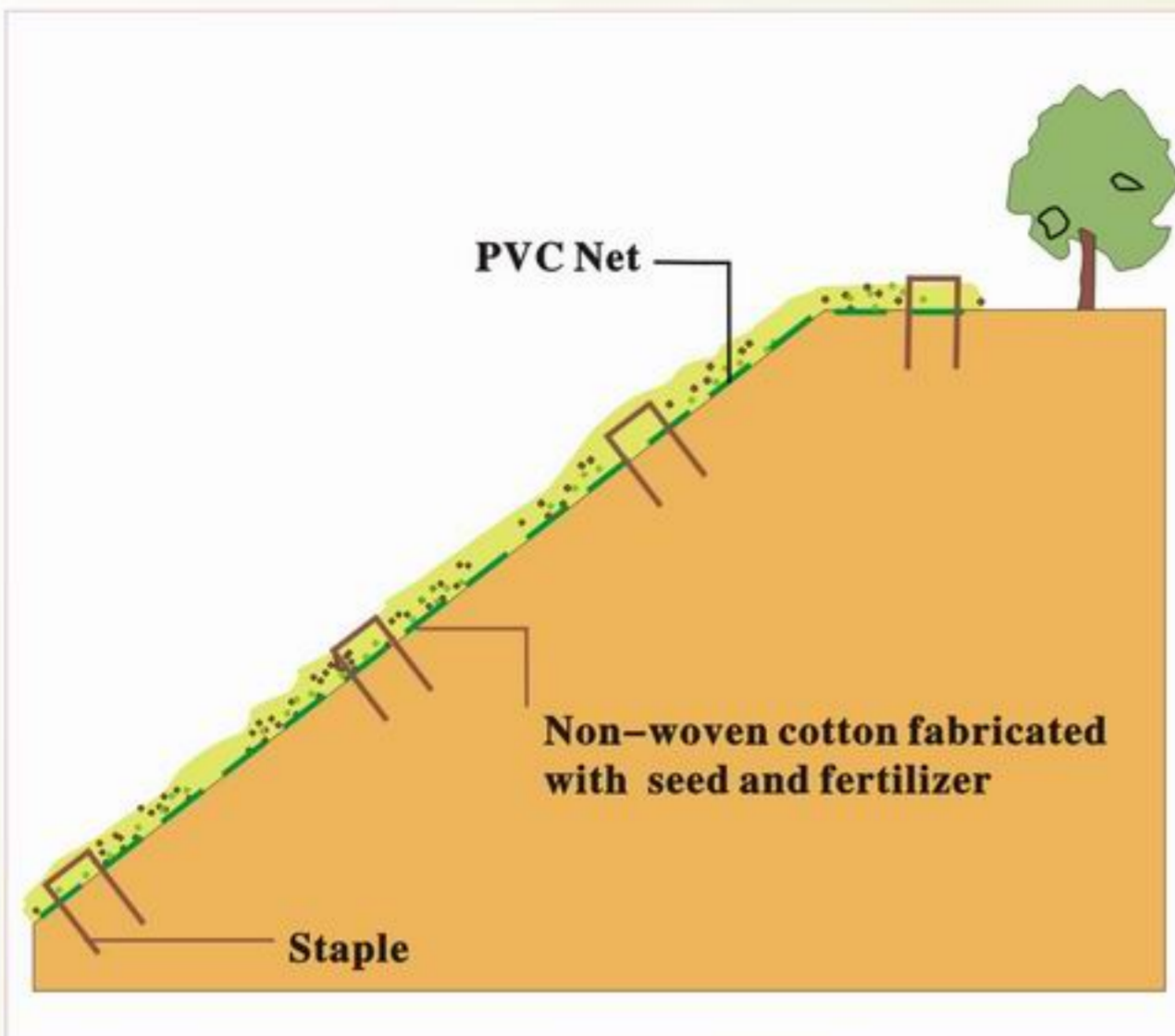
Prefabricated Seed & Fertilizer



Erosion Control



# INSTALLATION PROCEDURE



## General installation procedure:

1. After surface of the slopes has been dressed, lay the sod so it adheres tightly on slope surface.
2. Secure the system in position with the metal staples.
3. The surface of the bags, which contain the seeds and fertilizer, must be faced down so that the bag surface is in contact with the ground.
4. The material should be stored in a dry, ventilated area and out of direct sunlight.

# SPECIFICATION OF HARISHIBA MAT

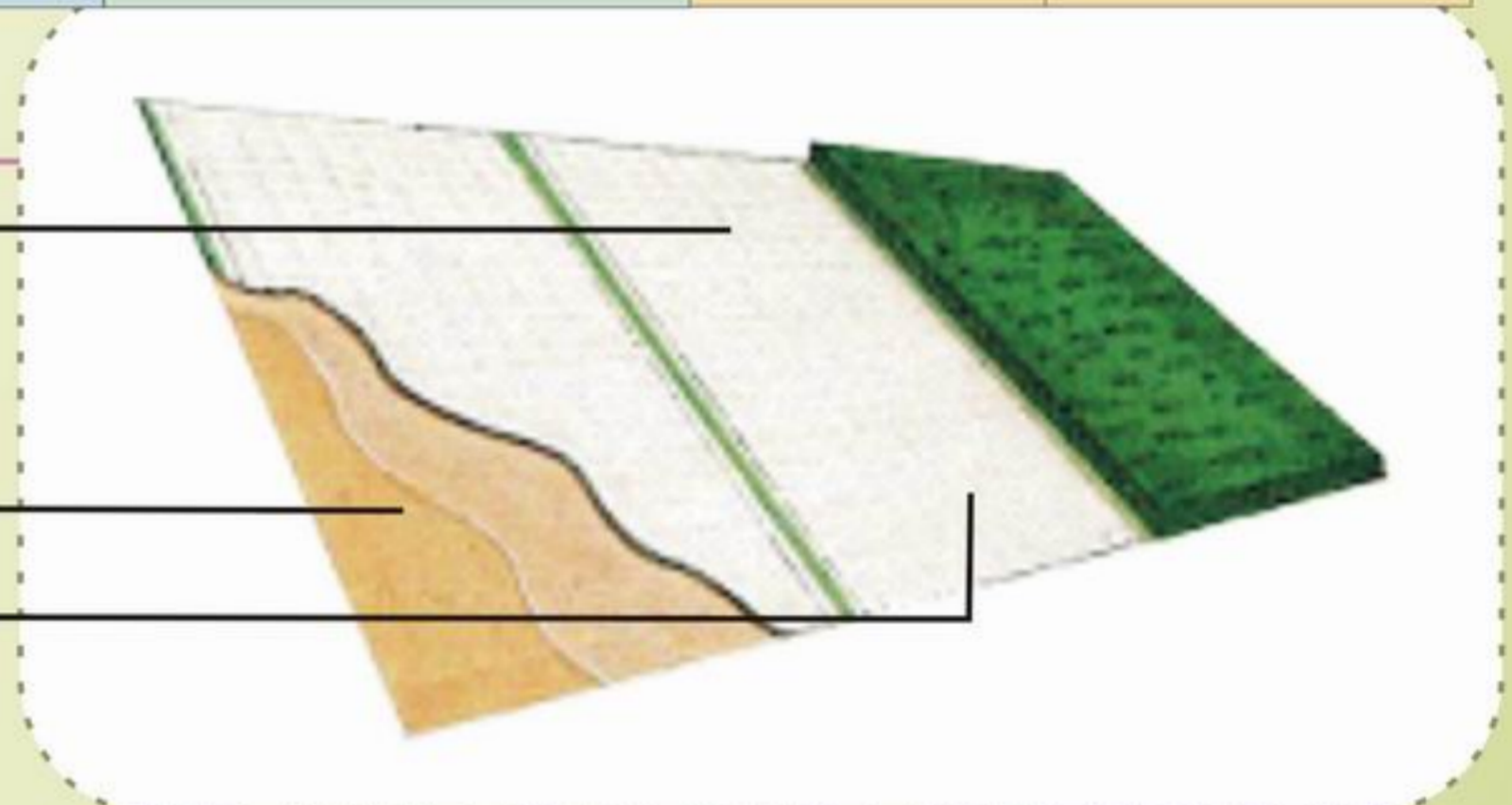
Product	Unit	Dimensions	Quantity per carton	Direction		
				Properties	Transverse	Longitudinal
Harishiba Mat	m <sup>2</sup>	Width 1m Length 50m	50m <sup>2</sup>	Strength( kN/m )	0.2	1.2
				Rate of Elongation	88.9%	15.7%

## Detail

Non-woven cotton fabricated with seed and fertilizer

Existing Soil

PVC Net

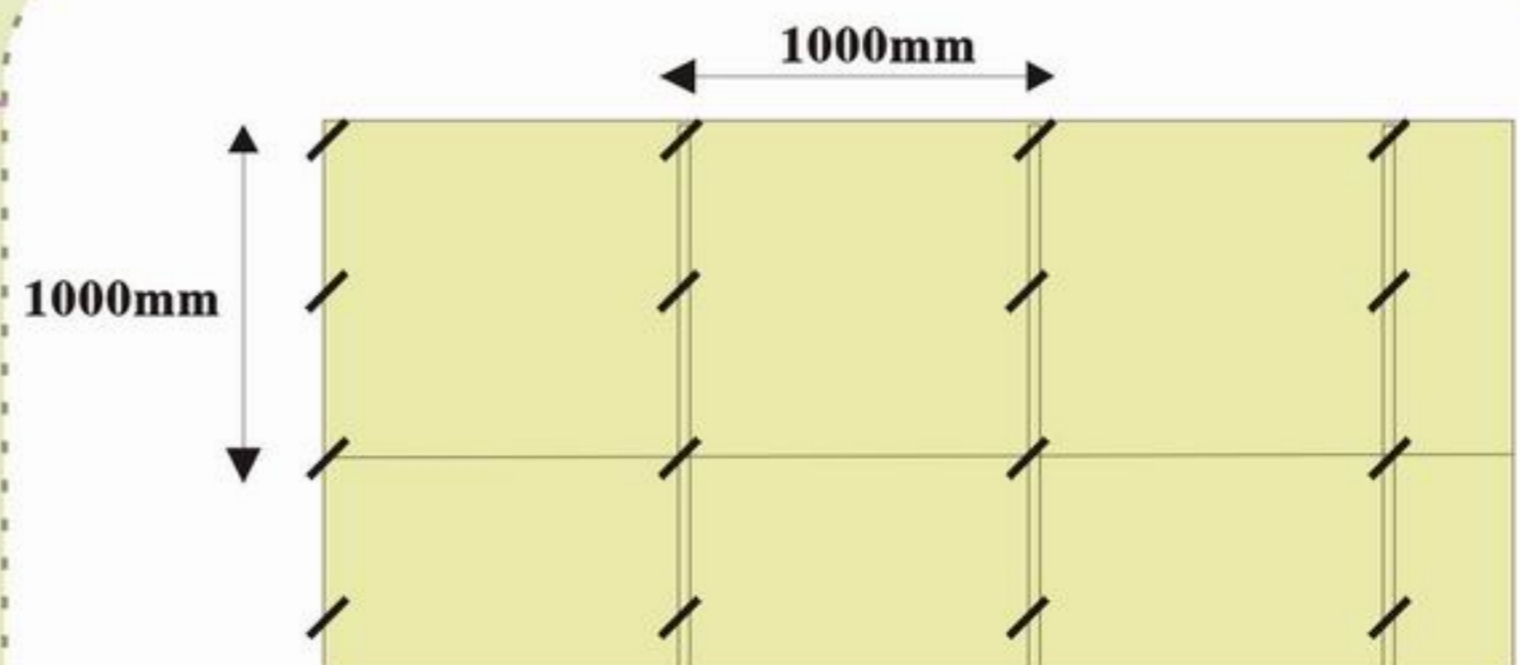


## Position for Fixing Staple

Staple

\*The staples are fixed at 1,000mm c/c

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



 **TOYO GREENLAND CO., LTD.**  
東陽綠化有限公司

No.58, South Section, Wah Shan Village, Sheung Shui, N.T., Hong Kong.

Tel: (852) 2639 9312 Fax: (852) 2377 2150

Web-site: [Http://www.toyogreen.com](http://www.toyogreen.com)

E-mail: [enquiry@toyogreen.com](mailto:enquiry@toyogreen.com)



Lastest Version: 25 January 2008