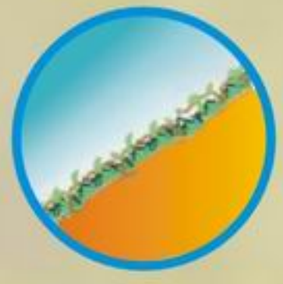
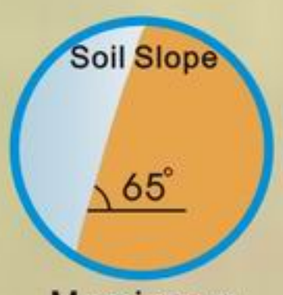
Hydromulching System

Establish Vegetation with Erosion Control

Hydromulching System



Vegetation Objective



Maximum Application Gradient

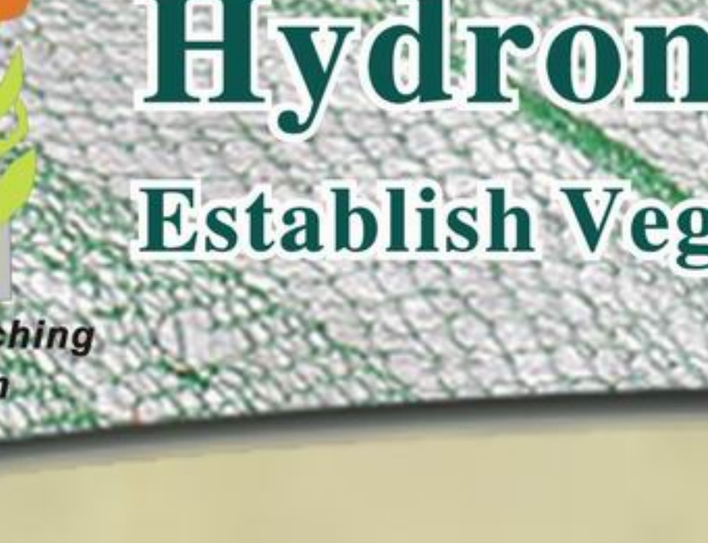
Maximum Application Gradient

Erosion Control

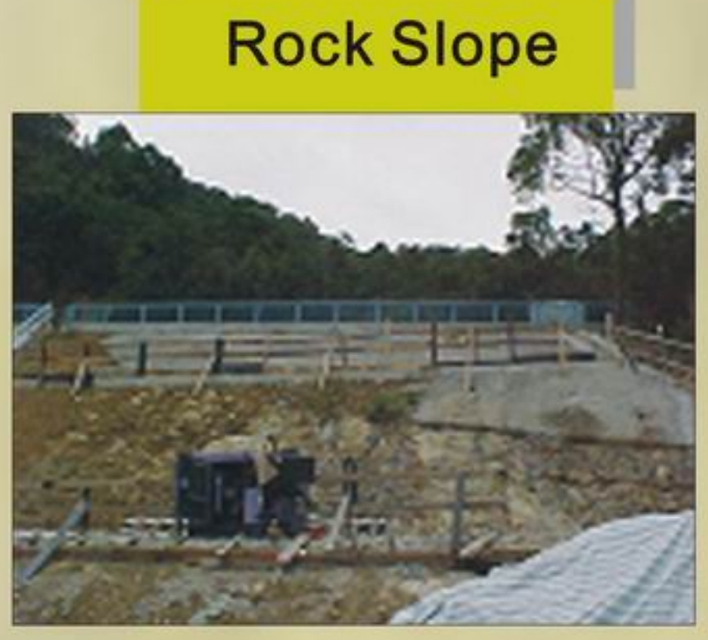
Prefabricated Seed & Fertilizer

Maintenance Free

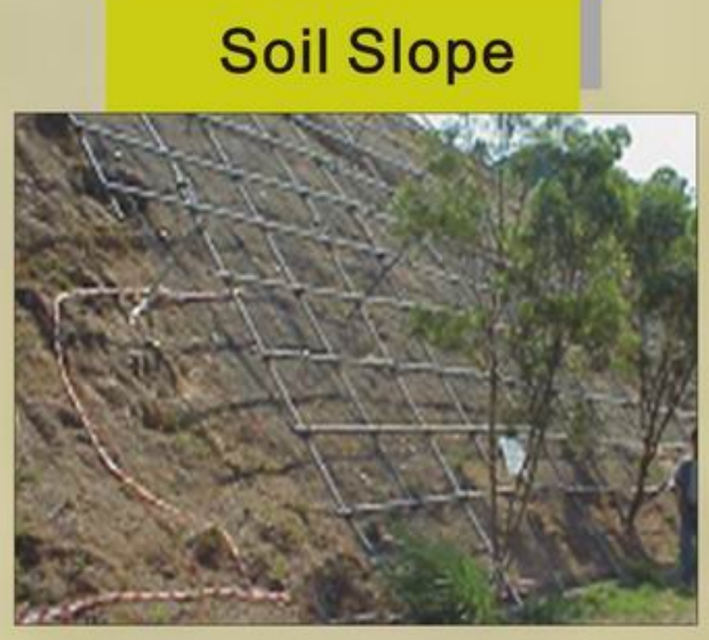
Shotcrete Surface



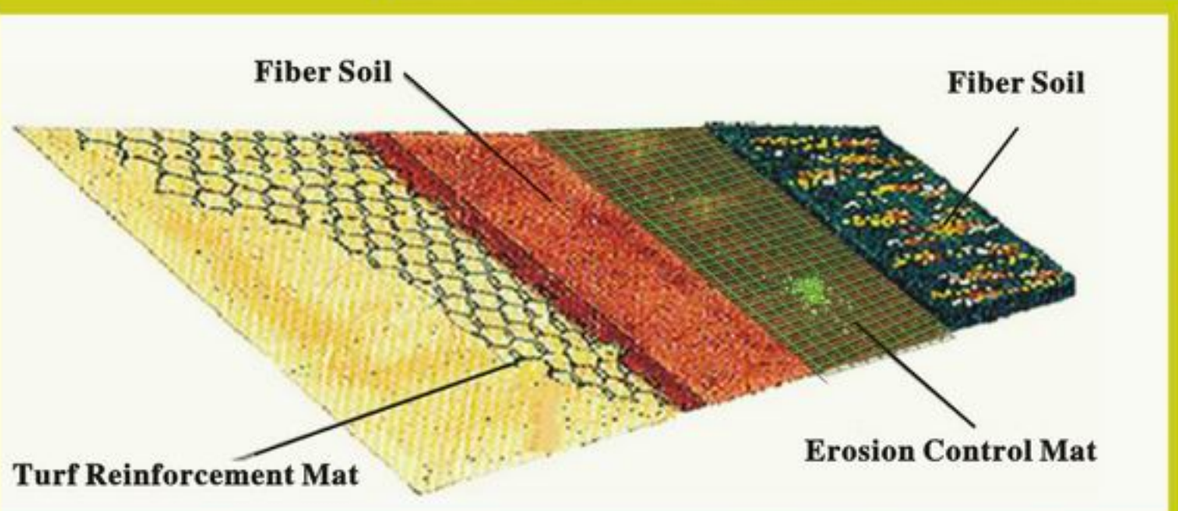
Rock Slope



Soil Slope



Structure



The planting media, Fiber Soil, is an organic matter that provides adequate moisture and nutrient for vegetation on slope. It is a good bonded fiber to be self-sustained on steep slope that can minimize wash out in rainstorm.

Advantages of Fiber Soil :

- High adhesive capacity on steep slope
- Full vegetation on non-soil surface
- High resistance to rain erosion
- High water retaining capacity
- Long lasting fertilizer
- High gas permeability
- No bulge effect
- Light in weight

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INSTALLATION PROCEDURE

1. Fixing wire mesh by anchors

2. Weep hole extension

3. Spraying Fiber Soil

4. Installing climber sprig

5.Laying Erosion Control Mat

6. Full vegetation after 1 month

SPECIFICATION OF HYDROMULCHING SYSTEM

Turf Reinforcement Mat	Anchor	Sub-Anchor	Seeds Proportion	Climber Sprig
2.5mm x 50mm/ 50mm opening	16mm dia. x 400mm long	8mm dia. x 200mm long	Bermuda 15g/m^3 Bahia 10g/m^3	150mm long with healthy nodes

PROPERTIES OF SOIL–FACTOR

pH Value	Moisture Content	Organic Matter Content	Carbon Content	Total Nitrogen Content	Carbon Nitrogen Ratio	Dry Density	Saturate Density
6.0-7.5	30%-35%	50%-90%	40%-60%	0.1%-1.5%	35:1-50:1	400-450 kg/m^3	350-400 kg/m^3

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