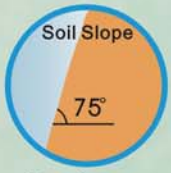
Soil Creat System

Establish Low Maintenance Vegetation on Steep Slope with Erosion Control



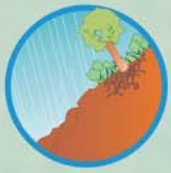
Vegetation Objective



Maximum Application Gradient



Erosion Control



Shallow Failure Improvement



Prefabricated Seed & Fertilizer



Maintenance Free

Chunam Cover



Rock Slope



Soil Slope

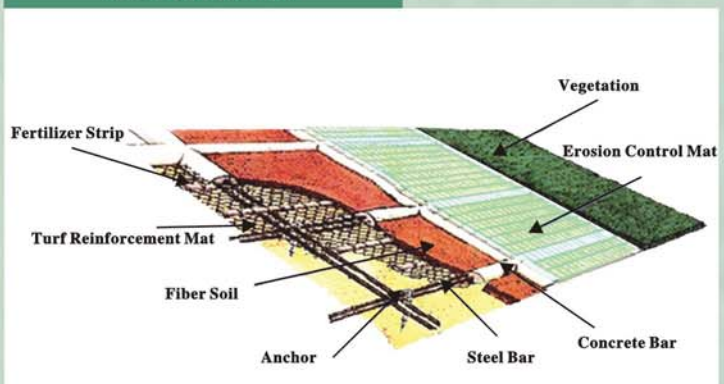








Structure



The concrete bars and the steel bars form a semi-rigid cover that prevents extensive surface erosion.

Advantages:

1. Prevent shallow slope failure
2. Simple installation procedure on steep slope
3. Reduce surface water erosion
4. Vegetation grows on slope surface directly in open system
5. Native tree and shrub species are available
6. Low maintenance cost

TOYO GREENLAND CO., LTD.

INSTALLATION PROCEDURE



1. Ground cleaning



2. Fixing turf reinforcement mat with fertilizer strip by using mild steel bar



3. Spraying of Creat Bar and Fiber Soil



4. Laying Erosion Control Mat



5. Vegetation germination



6. Full vegetation after 3 months

SPECIFICATION OF SOIL CREAT SYSTEM

Turf Reinforcement Mat	Anchor	Sub-Anchor	Concrete Bar	Climber Sprig	Mild Steel
2.5mm x 50mm/ 50mm opening	16mm dia. x 400mm long	8mm dia. x 200mm long	Cement:Sand:Water 1: 1: 4	150mm long with healthy nodes	8mm dia.

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

TOYO GREENLAND CO., LTD.
東陽綠化有限公司
No.39, Middle Section, Wa Shan Tsuen, Sheung Shui, N.T., Hong Kong
香港新界上水華山村中段 39 號
Tel 電話 :（852）2639 9312 傳真 :（852）237 2150
Web-site 網站 : www.toyogreen.com E-mail 電郵 : danielho@toyogreen.com