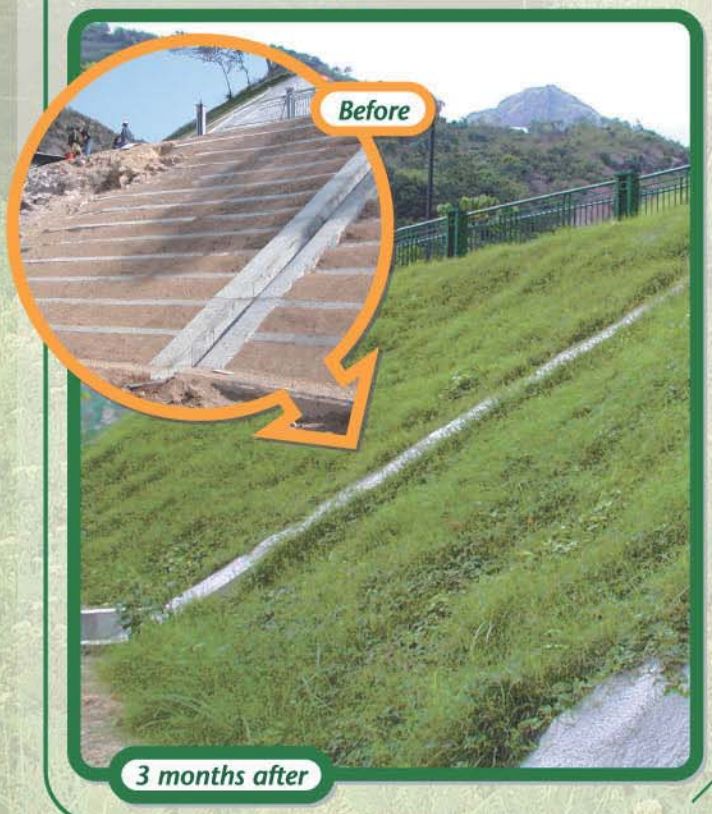
Soil Fiber System

Visual enhancement on the slope with various flowers species

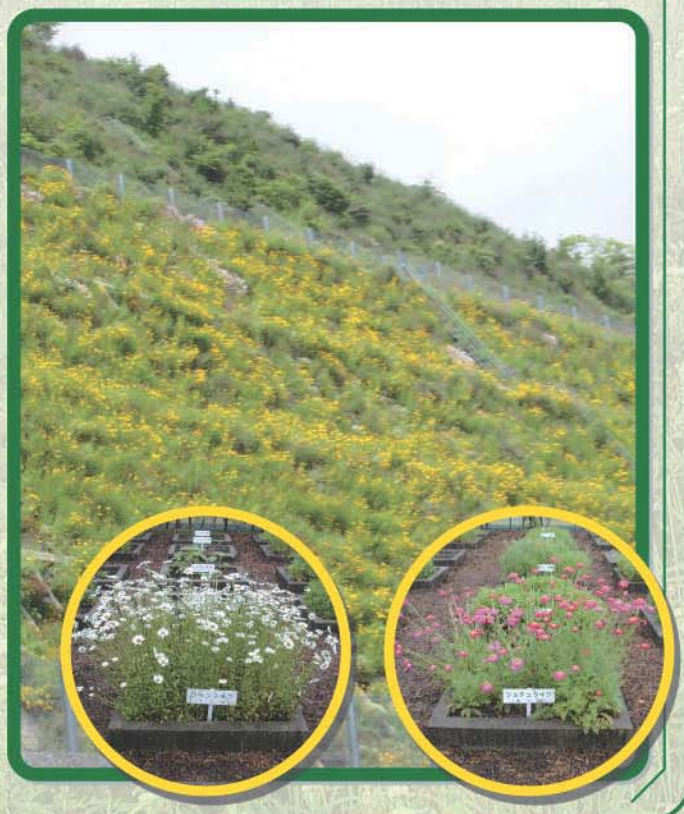
APPLICATIONS

- Sprayed concrete slope
- Rock slope
- Chunnam slope

Jordan Valley



Trial in Japan



PRODUCT CHARACTERISTICS

1. Application on non-soil slope
2. High performance planting media
3. Long-lasting fertilizer strip
4. 100mm thickness fiber reinforces organic soil
5. Double layers of durable turf reinforcement mat
6. Biodegradable erosion control mat

ADVANTAGES

1. Self-sustained vegetation system with low maintenance
2. Fiber strengthens soil particles to prevent erosion
3. Visual improvement of the slope with seasonal flowers species
4. Restoration of natural habitat on the slope

INSTALLATION PROCEDURE



1 Shotcrete slope with 300mm topsoil



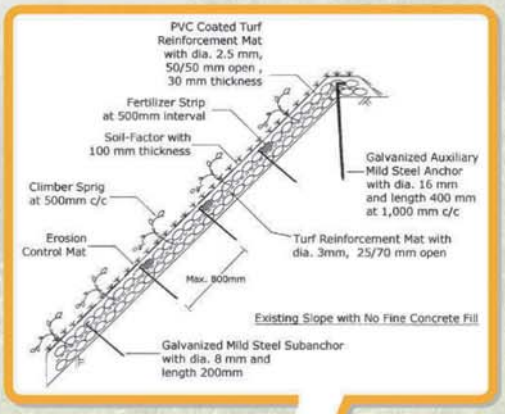
2 Lay and fix 2 layers of the 3-dimensional turf reinforcement mat



3 Spray a layer of 100mm thickness of fiber soil



4 Lay and fix Geomat





5 Completion of work

SPECIFICATION OF SOIL FIBER SYSTEM

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

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