GEOGRASS

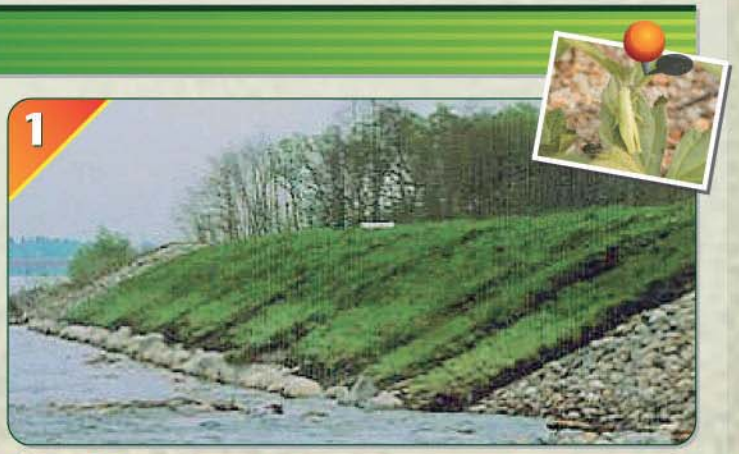
Reinforce Protection on Riverbank by Vegetation Coverage

APPLICATIONS

1. Riverbank
2. Steep and rock slopes
3. Rail embankment
4. Residental garden
5. Golf course

ADVANTAGES

1. Special planting media as strong as concrete
2. Resistant to rainwater and running water
3. Precast porpous concrete shortens the construction period
4. Various vegetation species grow on steep slope and wall surface
5. Low maintenance











PROPERTIES

1. Porpous concrete

The porpous concrete is made from gravel and cement pastes, which is strong with a low alkali characteristic.

Thickness : 15 - 30 cm
Void ratio : 25 - 30 %
Compressive strength (28 days) : 10 - 15 N/mm^2
Unit weight : 1.9 t/m^3

2. Filling materials

The filling materials is poured into the void of the porous concrete.

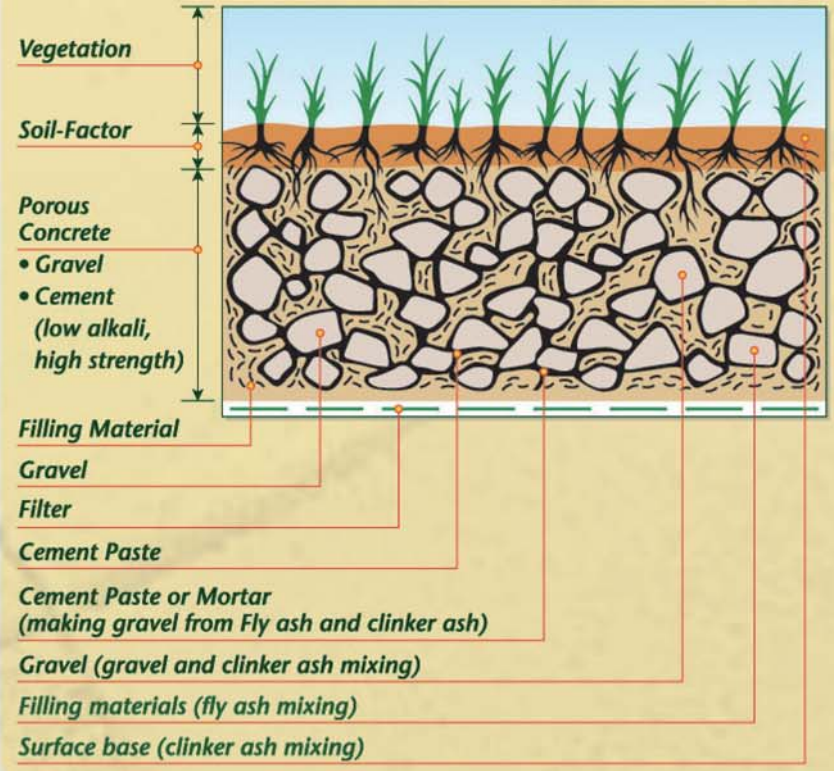
It contains water-retaining material, fertilizer and organic matter which can neutralize alkali efficiently.

3. Soil-Factor

Spray layer of Soil-Factor with thickness of 2-5cm on the porous concrete.

Organic matters and fertilizers with the characteristics of water, fertilizer-retaining and erosion resistant.

COMPOSITION OF GEOGRASS



INSTALLATION PROCEDURE

1 Preparation Work

Mix the porous concrete at the ready-mixed concrete plant.

Construct the porous concrete at the job site.



2 Filling Material Installation

Adjust the viscosity of the filling materials.

Fill the space of porous concrete with the filling materials.



3 Spray the Soil-Factor

Spray the Soil-Factor onto the structure surface.



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