

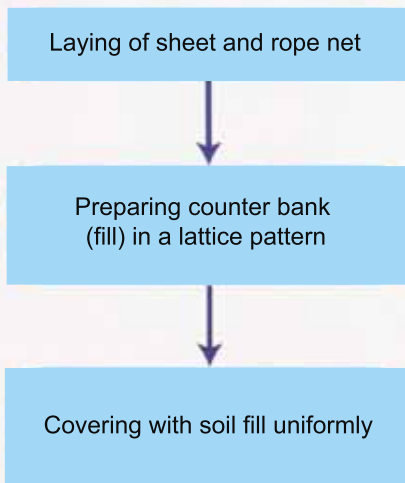
Rope Net Covering Method

Sheet and Latticed Rope are laid on the surface of reclaimed ground composed of ultra-soft cohesive soil. The surface is covered with soil while preventing flow-fracture of the ground and the escape of earth and sand removed. The theory of this method is when soft ground is sealed by sheet and rope, and soil laid in a strip pattern, uplift pressure generates between the fills and it is made use of to prepare soil cover.

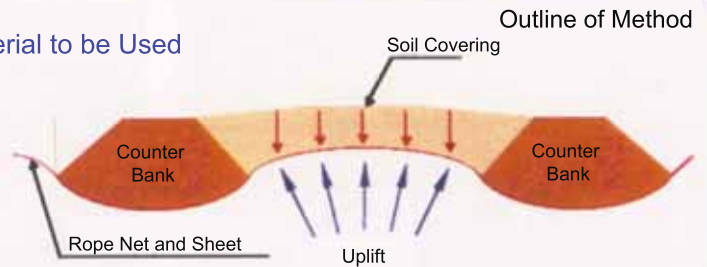
Features

- ★ The cost of materials is less than that of the net laying method.
- ★ When the method is used in combination with the surface mixing method, an area divided into 50m x 50m patches is covered by soil through a landbased conveying system.

Working Procedure



Material to be Used



Work in Progress

Completed Projects Record

Project Name	Duration	Project Site	Client	Objective	Site Area/Thickness of Sand (Earth) Cover
Miyajima Sea Area Environment Creation Work	89.12~90.3	Hiroshima	Hiroshima Prefecture	To cover soft ground with earth, to reinforce bearing capacity of artificial beach nourishment work	18,000m ² /0.5m
Itsukaichi Port Environment Improvement Work	90.6~90.8	Hiroshima	Hiroshima Prefecture	To cover soft reclaimed ground with earth	50,800m ² /0.8m
Otake Port Environment Improvement; Dredged Material Surface Treatment Work	90.10~91.3	Hiroshima	Hiroshima Prefecture	To cover soft reclaimed ground with earth	137,000m ² /1.0m
T-7 Reclaimed Ground Improvement Work	97.7~98.3	Yamaguchi	K.K. Tokuyama	To cover soft reclaimed ground with earth	27,300m ² /1.5m