

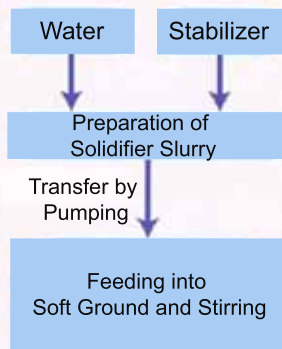
Surface Mixing Method

The Surface Mixing Method aims to secure the passage of construction machines and to increase the bearing capacity of the ground by mixing cement or lime as solidifiers into the surface layer of the ground. Generally, for ultra-soft reclaimed ground, the method is carried out in a grill-like pattern and soil covering performs in spaces between grilles by geo-textile method. This method is applicable to prevent elution of harmful substances from riverbed mud.

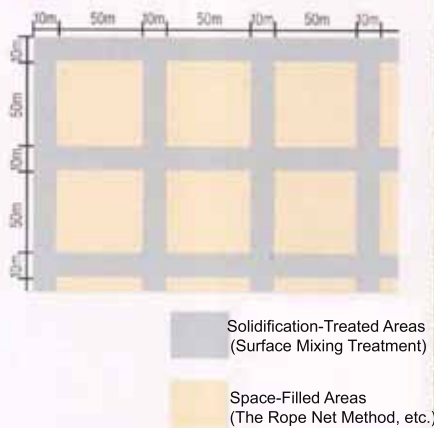
Features

- ★ Even in the case of ultra-soft cohesive soil, solidified slabs can be prepared to accommodate the passage of heavy machines
- ★ The required strength of the ground can be obtained in a short period of time by adjusting the amount of solidifier.

Working Procedure



Execution



Mud-Mobile



Working Craft

Completed Projects Record

Project Name	Duration	Project Site	Client	Objective	Construction Area/ Improvement Thickness/ Improvement Material
Tokyo International Airport Terminal Area Joint Temporary Work	89.6~90.3	Tokyo	Transport Ministry	Earth cover for airport site	30,800m ² /t=1.0m/cement
Hiroshima Castle Inner Moat Dredging Work	91.10~93.9	Hiroshima	Hiroshima Prefecture	To prevent elution from riverbed mud	65,000m ² /t=0.7m/cement
Shorenji River Bedrock Improvement Work	92.12~95.12	Osaka	Hanshin Highway Corporation	To prevent elution from riverbed mud	6,100m ² /t=1.0m/cement
Yamaguchi Ube Airport Improvement Work	96.8~97.5	Yamaguchi	Yamaguchi Prefecture	Earth cover for airport site	35,800m ² /t=1.0m/cement