

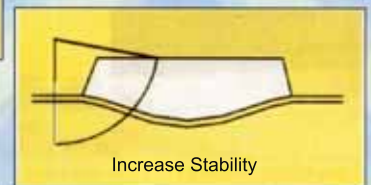
Load Dispersal Methods

The Load Dispersal Methods aim to prevent ground soil erosion and secure the ground bearing capacity and stability by dispersing the load of fill or a structure built on soft ground.

The Load Dispersal Methods include Sheet Method, Net Laying Method, Rope Net Covering Method and Bamboo Net Method, using sheet or net lay on the surface of soft ground. The Surface Mixing Method aims either to improve the surface layer of soft ground or to stabilize the sub-grade or the ground base of road, airport and port facilities.

Features

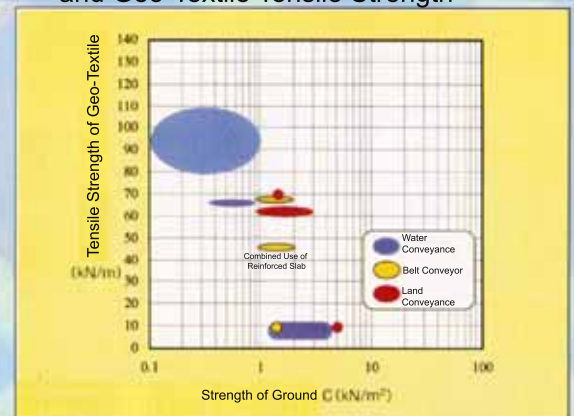
1. A method or a combination of methods can be selected suitably for the object of treatment and the strength of the ground to be treated.
2. When one of these methods is employed to reclaim ultra-soft cohesive ground, the required bearing capacity will be obtained.
3. For the surface mixing method, a variety of stabilizers (cement, quick lime, etc.) are available for selection.



Method Categorization by Type of Materials

Method Name		Material to be Used	
Load Dispersal Methods	Geo-Textile Methods	Sheet Method	Sheet (Woven Fabric)
		Net Laying Method	Synthetic Resin Net, Fiber Net
		Rope Net Method	Combined Use of Sheet and Rope
		Bamboo Net Method	Combined Use of Sheet and Bamboo
	Surface Mixing Method		Stabilizer (cement, quick lime, etc.)

Relationship between Ground Strength and Geo-Textile Tensile Strength



Earth Spreading Methods (Examples)

