

英語版 【 corn -α 】
Soil Stabilization by BIO - Technology

Spray→Infiltrate→Mixing and Compaction
⇒Soil Stabilization and Improvement

- Soil Stabilization by small quantity of corn -α in poison Free
Can be stabilized by only 1 % qty. of conventional material. Less transportation, Less CO2 and just utilizing existing soil at site.



- Consolidation with increasing speed and Easy Maintenance
Can be provide Road, even if with clayey soil and mixing 30% of Gravel. Cement Free and Asphalt mix Free.

Environmentally-Friendly and Friendly to your Budget.



Field of Application

Road

Park

Civil Work

Environmental Measure

Architectural Work

Special Feature

Poison Free and Harmless

Environmentally-Friendly and Poison Free to the soil.

Epoch-Making Method

Required soil strength is assured by only natural power unlike existing materials. Can help to stabilize of soil from inside by BIO-Technology.

Records of Performance

Overseas: 5proj.(2011~)
Ex.: Soil Pavement at Park Road, Seoul, Korea.
pavement area: 500sq.m

Domestic: Over 300 proj.(1998~)
Ex.: Phase 2, Fukuda Minami, Soil Pavement
improved area: 20,000sq.m

Standard Condition

- Upper Ground Water Level.
- Can't apply to soil that high water content. (ex. rainy weather)
- Curing Time will be needed until the fittest condition of water content.
- Keep over 5°C until Curing Period.

Multi-Purpose

Soil Stabilization and Improvement
Soil Pavement
Grass-Proof
Anti-scattering of Soil, etc.

Anti-Heat Island

Remaining of permeability and activities of subsistence of BIO will help containing soil temperature increase.

Cost Example

Rough Estimated Cost

Mixing type Stabilization: JPY1,600~/cu.m
Spray type Stabilization: JPY285~/sq.m
Soil Pavement: JPY2,300~/sq.m
Unit cost will be changed by scale and condition of the project.

Detail and the other condition should be asked.
(The material cost: JPY2,000/kg)

Condition

Direct cost in Japan

INQUIRY

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