

## Mud and Soil Reforming Material

# TG Soil-Ω

In general, mud and soil generated from shielding and dredging work is in the form of mud with high water content and it is rather difficult to improve its properties for transport at an early stage.

“TG Soil-Ω” is a mud and soil reforming material which improves mud and soil generated from shielding and dredging work into a state that allows for immediate transport. “TG Soil-Ω” improves mud into a state that allows for immediate transport by eliminating fluidity at an early stage and plasticizing it.



### Features of TG Soil-Ω

1. Quickly exhibits strength.
2. Applicable to various types of soil.
3. Exhibits strength in a stable manner for a long period of time after solidifying and prevents the soil from returning to mud.
4. Exhibits effects even on highly hydrous mud.

### Properties of TG Soil-Ω

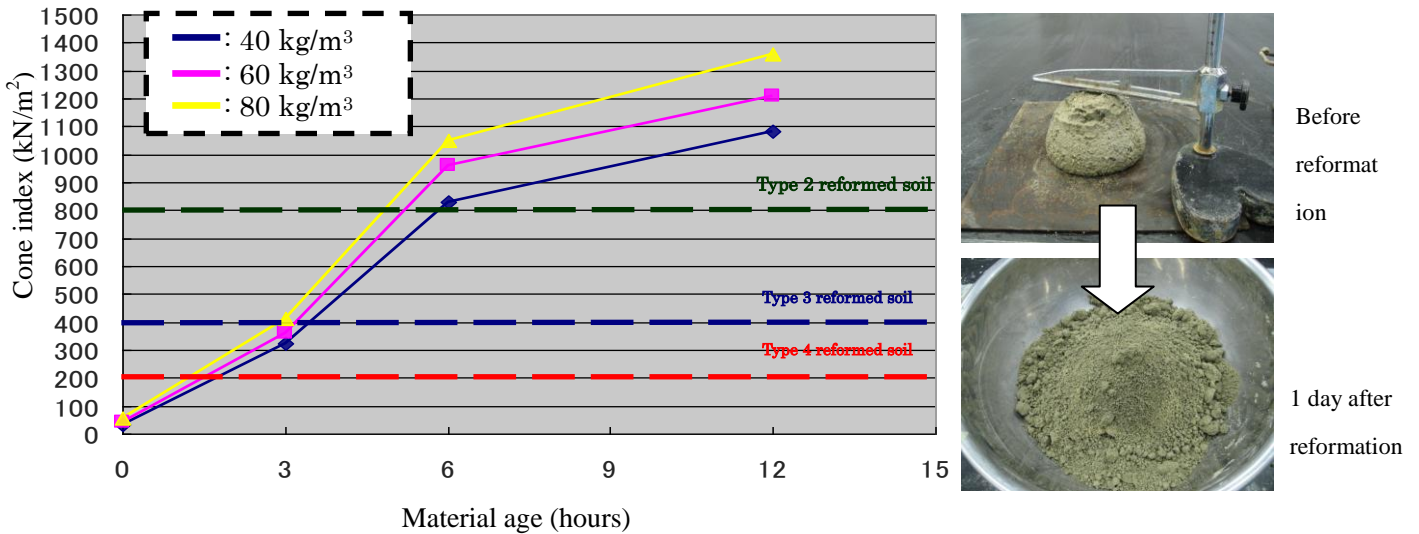
Main component : Cement , Slag , Acrylic copolymer

Appearance : Grayish white powder

pH : 12.0 ~ 13.0

## Example of Indoor Strength Properties of TG Soil-Ω

The “Technical Standards on Utilization of Construction Sludge Treated Soil” (supervised by the Ministry of Land, Infrastructure and Transport) indicates type 4 reformed soil (Cone index  $q_c = 200 \text{ kN/m}^2$ ) as a guide for handling improvement when transporting soil generated from construction work. In addition, the same set of standards indicates type 3 reformed soil (Cone index  $q_c = 400 \text{ kN/m}^2$ ) and type 2 reformed soil (Cone index  $q_c = 800 \text{ kN/m}^2$ ) as a guide when using soil generated from construction work as backfilling material or for road embankments.



Example of Indoor Strength Properties of “TG Soil-Ω”

## Packaging of TG Soil-Ω

(1) 10 ton jet pack truck

(2) 1 ton flexible container bag

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