

Permeating Mud Additive

TG Liquid-W1

When excavating ground consisting of viscous soil, TG Liquid-W1 permeates into the ground and realizes a reduction of the cutter torque pressure, prevents adhesion within the chamber, and exhibits a separating effect. Combined use with TG Parikku is desirable to obtain separating and peeling effects in addition to the permeating effect which together make it possible to prevent lowering of excavation speeds.



Features of TG Liquid-W1

1. By being used in combination with TG Parikku, TG Liquid-W1 exhibits outstanding effects by preventing various problems such as clogging within the chamber, increase of the cutter torque pressure, and adhesion when excavating ground consisting of viscous soil. In addition, its excellent effects make it possible to suppress the volume of injection.
2. Due to having an excellent effect of preventing adhesion, it is possible to obtain a lubricant effect during pressurized pumping (of viscous soil).
3. Due to being a liquid product, TG Liquid-W1 is easy to work with and dissolves in a short amount of time.

Additive Amount of TG Liquid-W1 (Reference)

Subject soil: Viscous soil

Viscous soil adhesion preventing effect	TG Parikku 3 – 6 kg/m ³	TG Liquid-W1 1 – 3 kg/m ³
Pressurized pumping supplementary agent	Various mud additive to be used as the primary agent	TG Liquid-W1 1 – 2 kg/m ³

Property Specifications of TG Liquid-W1

Appearance: Pale yellow liquid

pH: 8.0 ±1.0

Specific gravity: 1.00 – 1.02 (20°C)

Packaging: 17 kg can, 1 m³ container

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