

## Separating and Peeling Effect Material

# TG Parikku

TG Parikku is a separating and peeling effect material that is capable of, when excavating viscous soil upon performing the pressurized mud and soil shielding method, reducing the pressure of the chamber with a high dispersing effect while also having the effect of preventing adhesion.

TG Parikku can also be utilized as a fluidization material for pressurized pumping.

TG Parikku has the effect of lowering viscosity against the significant increase of the viscosity of muddy water during column excavation of the silt and clay layers when performing the muddy water shielding method and is also capable of reducing the volume of excess muddy water that is disposed.



## Features of TG Parikku

1. Has excellent workability and dissolves in a short amount of time due to being a liquid product.
2. Prevents clogging within the chamber during ground excavation of viscous soil and also has an excellent effect of preventing adhesion. In addition, outstanding effects are exhibited by combined use with the permeating mud additive (TG Liquid-W1) as a supplementary agent.
3. Due to having an excellent dispersing effect, it is possible to lower the injection ratio and suppress the volume of discharged mud.
4. Due to having an excellent effect of preventing adhesion, it is optimal for pressurized pumping sites (during excavation of viscous soil).

## Property Specifications of TG Parikku

Appearance: Pale yellow – Pale tan liquid

pH:  $8.0 \pm 1.0$

Specific gravity:  $1.33 \pm 0.03$

Packaging: 20 kg can, 1 m<sup>3</sup> container

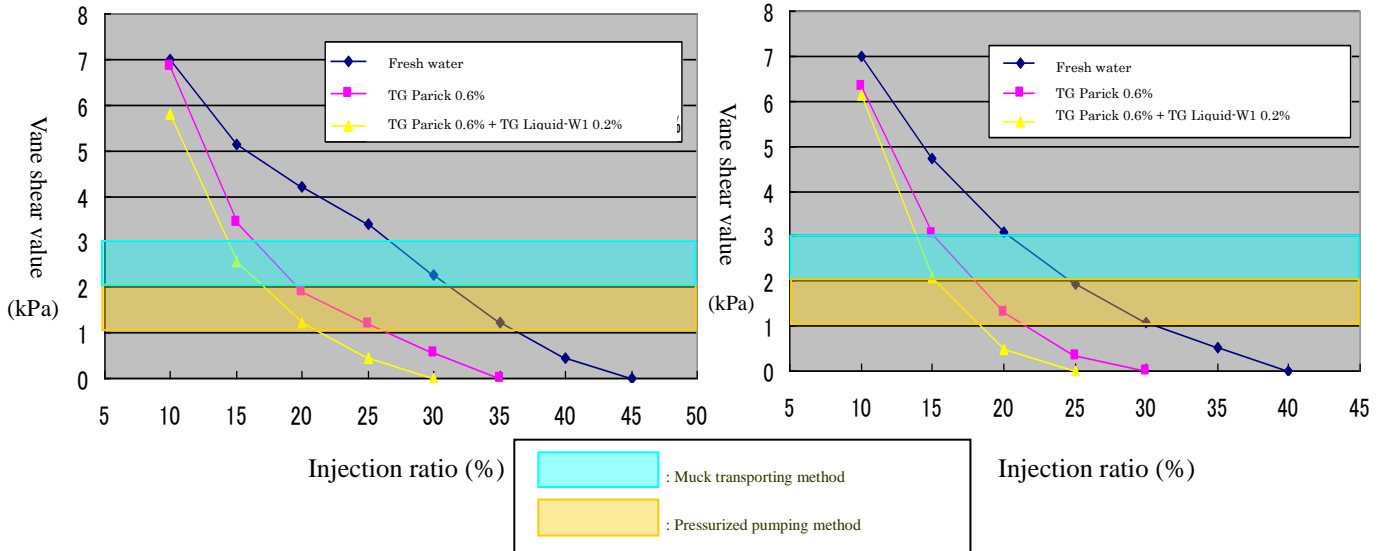
## Usage Example of TG Parick (Pressurized Mud and Soil Shielding Method, Subject soil: Viscous soil)

TG Paricku 3.0 – 6.0 kg/m<sup>3</sup>

TG Liquid-W1 1.0 – 3.0 kg/m<sup>3</sup>

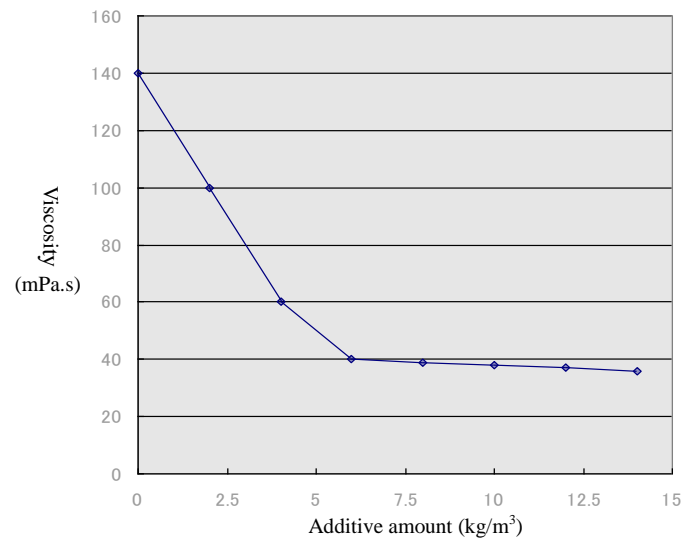
Clay 100%, Added water 30%

Sand 30%, Clay 70%, Added water 20%



## Usage Example of TG Parick (Mud Water Shielding Method, Mud Water Management)

Clay (kg/m <sup>3</sup> )	Bentonite (kg/m <sup>3</sup> )	TG Parick (kg/m <sup>3</sup> )	Viscosity (mPa.s)
300	50	0	140
300	50	2	100
300	50	4	60
300	50	6	40
300	50	8	39
300	50	10	38
300	50	12	37
300	50	14	36



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