

RHEOSOIL[®] 212

Anti-Clay-Agent for Tunnel Boring Machines (TBM)

Product description

RHEOSOIL[®] 212 is a liquid product designed for use as anti-clay-agent for TBM tunnelling application, in particularly for EPB machines.

Fields of application

For tunnel boring machines in clay containing soil.

- It increases soil consistency, and reduces torque.
- It reduces stickiness of the soil, and reduces the clay blockage on the cutter head, in the working chamber and on the conveying system.

Features and benefits

- Liquid & ready to use
- Cost effective anti-clay-agent
- Reduces the stickiness of the soil without reducing the consistency.
- Increase the rate of advance of the TBM
- Compatible with the MEYCO[®] Fix SLF range of foam additives.
- Environmentally friendly

Packaging

RHEOSOIL[®] 212 is supplied in 1200 kg containers, or bulk.

Technical data

Form	Liquid
Appearance	clear pale yellow
Density [kg/m ³] 20°C	approx. 1320
pH 20°C	approx. 8,0
Viscosity [mPas] ISO 2555, 23°	400
Dispersability in water	total

Application procedure

RHEOSOIL[®] 212 can be added with the foam solution or directly into water applied to the cutterhead or working chamber.

Consumption

The consumption depends on many factors such as ground type, water injection rate and soil consistency desired. Typically a dosage rate of 0.1-2 kg per m³ soil is required.

Storage

Store in temperatures between 5°C and 35°C in original containers. Consult your representative if the product becomes frozen.

Safety precautions

RHEOSOIL[®] 212 is non-hazardous and requires no transport labelling. However, it is recommended that all necessary precautions are taken when handling chemicals, such as the use of gloves and eye protection.

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