

DESCRIPTION



TamSoil 500CP is a liquid polymer specially designed for use in EPB tunnel boring machines for soil conditioning. This polymer is used in ground conditions where foam alone is not enough to tackle the increase in water content.

KEY BENEFITS

- › Improve soil stability
- › Reduce permeability and increase sealing at the face, by turning the wet soil into a suitable consistency
- › Ability to improve cohesion of coarse gravel sand to form a paste like material
- › Lubricating effect on soil
- › Environmentally safe and non-toxic

TYPICAL APPLICATIONS

- › EPB TBM

TECHNICAL DATA

TamSoil 500CP	
Appearance	Clear Colourless Liquid
Density (kg/dm ³)	1.02 ± 0.02
All at 20°C	

All technical data stated herein is based on tests carried out under laboratory conditions.

APPLICATION GUIDELINES

TamSoil 500CP is injected typically in the range of 0.2 to 2.0 kg/m³ by volume of soil to be treated. The quantity of polymer used will vary according to the ground conditions. TamSoil 500CP can be injected with the foam solution water via a separate dosing pump. TamSoil 500CP can also be used together with other TamSoil CF foams and injected to the cutterhead or mixing chamber.

PACKAGING

TamSoil 500CP can be supplied in bulk, 1000 l IBC's or 200 l drums. Packaging size may vary subject to local regulations and requirements, please contact your local Normet representative for more details.

STORAGE

TamSoil 500CP should be stored at room temperature (min 5°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of six months can be expected.

HEALTH & SAFETY

TamSoil 500CP should only be used as directed. We always recommend that the Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety data sheet is available upon request from your local Normet representative.