

Water Binding Polymer

DESCRIPTION



TamSoil 700CP is a unique liquid polymer especially designed for the use on EPB tunnel boring machines tunnelling below groundwater level. This polymer is used in ground conditions where foam alone is not enough to handle an increased amount of water. TamSoil 700CP is especially efficient in soils with low fine particle content. TamSoil 700CP also lubricates moving parts, lowers friction and wear, which extends the tool life and decreases energy requirements.

KEY BENEFITS

- › Extremely high capacity to bind water, especially in soil lacking fine particles
- › Very quick reaction
- › Works also under saline water conditions
- › Excellent structuring effect on the soil
- › Lubricates and reduces friction
- › Non-toxic

TYPICAL APPLICATIONS

- › EPB TBM

TECHNICAL DATA

TamSoil 700CP	
Appearance	White 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 700 CP will convert soil and water mixtures into a homogeneous and viscous paste.

For most practical applications TamSoil 700CP should be injected into the water/soil mixture at 0.5 -3 % by weight. A separate dosing pump should be used that does not move through the foam system.

PACKAGING

TamSoil 700CP 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 700CP 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 700CP 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.