



SC MUD P

Synthetic Viscosifier and Clay Stabilizer

ADDITIVES FOR CIVIL ENGINEERING WORKS

Description

SC MUD P is a powder synthetic water soluble polymer.

SC MUD P is a powerful viscosifying agent recommended for all type of drillings especially when clay formation is encountered.

Applications

SC MUD P based drilling muds are dedicated to :

- Water well drilling, soil sampling
- Horizontal directional drilling (HDD)
- Bored pile and d-wall construction in specific ground conditions
- Pipe jacking to enhance lubrication of BENTONIL based muds systems
- Slurry shield tunnelling to stabilize water sensitive formations and avoid clogging and pluggings
- EPBS tunnelling technique as an efficient plasticizing and lubricant agent. Associated to SC FOAM it improves the performance of these soil conditioning systems especially in coarse material

Benefits

- Cost effective in both fresh and brackish water : small amounts produce high viscosity solutions
- Easy to use product : quick hydration time
- Enhances recovery in coarse formation
- Stabilizes plastic clayey soils
- Reduce clay sticking and prevent clogging
- Degradable material : non fermenting. Addition of strong oxidizers accelerates the breakdown of SC MUD slurries.
- Friendly to the environment

Physical Properties

Appearance :	Whitish powder
Apparent density:	0.7 – 0.8 g/cm ³
pH of 0.2% solution:	7 - 8

Guidelines for Use

Soil sampling

Depending on the technique and soil conditions, the dosage range between 0.03 to 0.4% by volume of water

Bored pile

SC MUD P is recommended in low permeability soil to stabilize the excavation and improve the settlement of drilled cuttings. Dosage range between 0.05 to 0.2% by volume of water. BENTONIL product can be added for coarser ground conditions e.g. 1 to 2%

Air Drilling

SC MUD P is the product of choice to improve lubricating and stiffness of SC FOAM systems. 0.03 to 0.05% by volume of water are recommended for optimum performance.

Soil conditioning for EPBS tunnelling

As for air drilling, SC MUD P is associated to SC FOAM systems to enhance stability and soil conditioning efficiency.. SC MUD P based fluids are also recommended for sticky material so as to reinforce the action of SC FOAM systems e.g. to reduce torque and clogging.

Pipe jacking

Thanks to its high lubricating property, SC MUD P is recommended for the formulation of efficient lubricating slurries.

Contact your SC technical representative for further information.

Packaging

25 kg bags and 1 kg pounche in 15 kg carton boxes.

Storage

Keep the product in its original closed packaging and no longer than 12 months.

Related Documents

MSDS & Application sheets available on demand.

Above mentioned information is given in good faith and by way of information at the time of printing. As the potential uses of our products are many and outside of our control, each user is responsible for asking us for information on planned application as we cannot be held liable on the basis of general information

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