

PRODUCT DESCRIPTION

RHE24 is pleased to offer Fluid Clean as an additional admixture to any water-based slurry to enhance cleaning of polymer slurries. Fluid Clean is an acrylate-salt based synthetic polymer with a charged surface, allowing for quick and efficient sedimentation of suspended solids. Together with a polymer-based slurry, it can be used in piling, grab and cutter operations.

Density: 1,350 kg/m³

SLURRY MIX AND PROPERTIES

Fluid Clean is delivered in a liquid form and can be diluted with fresh water using dosages from 0.5 to 1.5 litres/m³. As a diluted mix, it can be mixed into a water stream when filling a tank or directly poured into a pile shaft and mixed with a drilling tool. Sedimentation starts immediately after Fluid Clean is mixed in.

Using Fluid Clean results in:

- Excellent stabilization of bentonite slurries
- Significant reduction in filtrate losses and filter cake thickness
- Long retardation and enhanced flowability in cement slurries with W/C ratios 0.45 to 0.6

PACKAGING

Fluid Clean is delivered as a colourless transparent liquid in 25 kg pails, 250 kg drums or as 1,000 kg containers on pallets. With proper storage in its original packaging, this product can be stored for at least 12 months.



FLUID CLEAN AS PART OF A POLYMER SYSTEM

Fluid Clean can be used as an admixture to any basic drilling polymer to accelerate sedimentation of sand in slurries and to speed up the cleaning of the pile or panel toe. Once mixed into the slurry it will react with the suspended solids and the drilling fluid to form fast settling sediments. Depending on the hole depth and the dosage used, the waiting time for sedimentation can be reduced to only 30 to 60 minutes.

This strong dispersive and de-flocculating additive achieves optimum plasticizing effects on bentonite and cement slurries with minimal costs.

The product enables an environmentally friendly cleaning and handling of polymer slurries. Depending on the suspended solids and existing slurry properties, the necessary dosage may change and must be confirmed by a trial test using site water and execution of a test drill hole.

