



KWIK-VIS™ D



Product Information

Description

KWIK-VIS™ D is a premium readily dispersible viscosifying polymer in a dry granular form. It is highly concentrated, fast hydrating, and requires very low application rates to achieve desired viscosities. It is designed for use in all types of drilling, boring, and trenching operations such as Shaft Drilling, Slurry Trenching, Caisson Drilling, Horizontal Boring, and small-drill applications such as water well and mineral exploration.

Characteristics

Unlike many other such polymers, KWIK-VIS™ D works best in a moderate pH range, 8.5 to 10, which enhances performance and does not water-wet clay and shale formations being penetrated. It mixes easily and can be added directly into caisson bores and agitated in the hole, if needed. It does not adversely affect cement bonding or set times.

Application

In trenching and drilling operations, KWIK-VIS™ D offers gel strengths conducive to dropping solids out of the mud even at high viscosities. It can be broken down by adding 10 to 20 gallons of sodium hypochlorite solution (bleach) or 10 to 13 lbs. of calcium hypochlorite per 1000 gallons of slurry. The amount of bleach used will depend on the polymer concentration of the slurry.

In vertical drilling and horizontal boring applications, KWIK-VIS™ D also gives excellent viscosities at low application rates. It can be used to raise viscosities and stabilize shales in bentonite based systems or be used as a complete drilling fluid in its own right. For best results in mixing, it should be added through a mixing hopper or at the suction. Yield will show within two circulations.

APPLICATION RATES:		
Soil Type	Marsh Funnel Viscosity	Addition/100 Gallons of Fluid
Clay/Silt	45-65 sec/qt	1/4 to 1/2 lbs
Fine to Medium Sand	50-90 sec/qt	1/3 to 3/4 lbs
Coarse Sand	60-120 sec/qt	1/2 to 1 1/4 lbs

Packaging

KWIK-VIS™ D is packaged in re-sealable 12 lb. plastic jugs, 3 jugs per case.