

DESCRIPTION

Hi-Wate is a synthetic weighting agent used in place of Haematite and other iron oxides. The main benefits of **Hi-Wate** are its self-stabilising properties and improved fluid loss characteristics.

Hi-Wate is compatible with a wide range of conventional additives and cements under various conditions. Slurries designed with **Hi-Wate** tend to show good stability unlike similar Haematite slurries which can show significant settling of heavy particles. **Hi-Wate** helps to lower fluid loss although additional retarder may be required to offset a slight accelerating effect.

APPLICATION

Hi-Wate is used at similar concentrations to Haematite to achieve the required slurry density (eg. 28% bwoc for 17 ppg and 94% for 19.5 ppg). **Hi-Wate** is mixed into the water after any retarder, dispersant and dry fluid loss additives. **Hi-Wate** can entrain a lot of air into the slurry, so antifoam should be used plus a pressurised mud balance for density measurements.

PHYSICAL PROPERTIES

Appearance	Reddish brown powder
Specific Gravity	4.8 approx
Particle Size	90% below 5 microns
Flash Point	Not combustible

PACKAGING

Usually supplied in 50kg sacks or in 1000kg bulk bags

ADDITIONAL INFORMATION

Hi-Wate is not classed as hazardous, although the dust should not be inhaled. Use gloves, goggles and respiratory protection when handling **Hi-Wate**.