

AMC COREWELL™

Clay & Shale Stabilisers



Description

COREWELL™ is a multifunctional powder product that provides viscosity and high-performance encapsulation that maximises core protection and formation stabilisation. COREWELL™ helps secure a native state, preserved sample, allowing for more reliable core analysis data which ultimately leads to more accurate resource evaluations.

Application

The high-performance encapsulating properties of COREWELL™ means it provides the highest level of protection to water sensitive, structurally weak and highly broken geologies. Formations encapsulated by COREWELL™ have their best chance of maintaining their structure and integrity. This includes core, drilled cuttings and the geology down hole.

It is recommended that clay inhibitors be applied in combination with COREWELL™ when drilling water sensitive clays or shales. Fluid loss control additives should be used in combination with COREWELL™ when drilling formations that experience fluid loss such as sands or fractured formations.

Recommended Treatment

Prior to adding COREWELL™ it is recommended that make up water pH is 8 – 9.5. It is also important to ensure total hardness levels are below 400mg/L. Typical concentrations range from 1 – 3kg/m³. Depending on the mixing system in place, up to 20 minutes may be needed for COREWELL™ to fully yield if poor mixing equipment is in place.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

Advantages

- Multifunctional product
- Maximises core recovery
- Enhances hole stability
- Reduces rod chatter
- Compatible with other polymers
- Allows for effective removal of solids in settling pits
- Readily disperses in low shear environments
- Environmentally acceptable

Typical Physical Properties

Appearance:	Granular, off-white crystals
Odour:	None
Solubility:	Soluble, but limited by viscosity
pH (0.2 % sol.):	8.0 – 9.0

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