



FLC2000™ is a blend of modified low molecular weight polymers, surface functionalized organic solids and other additives that impart ultra-low invasion properties to drilling, completion and workover fluids.

FLC2000™ forms a compressible, extremely low permeability seal which minimizes fluid invasion and the transmission of borehole pressure to the formation.

ADVANTAGES

- + Can be applied in any water-based, oil-based, synthetic oil-based drilling, completion and workover fluid
- + The product is designed for easy mixing in all systems with minimal increase in rheological properties
- + The low permeability seal is easily removed by flowback or by simple wash fluids
- + Provides invasion control superior to that seen with sized solids and other conventional systems
- + Imparts wellbore stability to micro-fractured / bedded shales and brittle coals
- + Reduces formation damage
- + Reduces differential sticking
- + Increases the fracture initiation pressure to reduce induced losses during drilling, completion and cementing

PROPERTIES

- + Appearance – Dry, tan colored, free flowing powder
- + Specific Gravity – < 1
- + Bulk Density 30-40 lb/cu ft
- + Broad particle size distribution for optimum sealing of a wide range of pore and fracture openings
- + Biodegradable and meets Gulf of Mexico and North Sea environmental requirements

TREATMENT

FLC2000™ is easily added to most fluid systems through the rig hopper. Concentrations range from 3 lbs/bbl to 8 lbs/bbl, depending on drilling fluid type. An effective concentration is easily optimized and maintained using Impact Solutions Group's Sand Bed Testing Apparatus.

PACKAGING

FLC2000™ is packaged in 25 pound multi-walled sacks and palletized 48 sacks per pallet.