

FRESH WATER CEMENT DISPERSANT

ACD -FW 101

Application

(**ACD - FW 101**) is a cement friction-reducing additive which reduces the apparent viscosity and improves the rheological properties of cement slurry. The improved rheological properties result in reduced frictional pressures during pumping, and turbulent flow can be achieved at lower pumping rates. With a reduction in slurry's apparent viscosity, the slurry can be mixed at a higher density by reducing the mixing water, and remains pumpable.

(**ACD – FW 101**) controls water loss to an extent and can slightly retard cement. This additive can be used in fresh water and is designed to use in wells with temperatures above 80 °F.

The recommended dosage is 0.1% - 1.2% (BWOC) depending on slurry's weight, well's temperature and solids to water ratio.

Physical and Chemical Properties

Item	Physical and Chemical Properties	
1	Appearance	Dark Brown powder
2	Odor	Specific
3	Solubility in water	Soluble

Special Information

- By reducing the apparent viscosity of slurry, this additive allows operators to mix slurry at high density and maintain an optimum pumping rate.
- It increases thickening time .
- It is not recommended in salt saturated slurries .
- It is compatible with most cement additives.

packaging

It is available in 25 kg, multi-layer paper sacks with an interior layer.