

Cement Slurry Stabilizer CSS System

CSS Mortar Stabilizer is used to bind loose water and prevent the formation of sludge in cement mortar.

The CSS system in addition to stabilizing properties has the properties of a fluid loss reducer.

It is recommended for use in lightweight cement mortars with a density of 1450 - 1750 kg / m³, as well as in heavier buffer systems.

It can be added to a dry cement mixture or directly to a mixing fluid. CSS completely dissolves and does not form agglomerations.

Description

- Polymer cement slurry stabilizer
- Operating temperature range (downhole circus temperature) from 10 to 120 C
- Effective with solutions with density from 1450 kg / m³ to 1750 kg / m³
- Can be used to stabilize buffer systems
- May act as a fluid loss reducer
- Resistant to saline environments
- Concentration from 0.7% to 1.5% by weight of cement (BWOC)

Technical parameters

Item	Standart*
Appearance	Brown powder
Cement slurry density gr/cm ³	1.5
Temperature, C ⁰	50
Water gain (after 2hours in measuring flask 250ml), ml	4

* Slurry density 1.5 gr/cm³. Cement class G, fresh water, CSS 0.7%

Packing, Transport, Storage

- Packed in three-layer bags of 25 kg with a polyethylene liner, or under customer's request.
- Store in a dry, well-ventilated place. Prevent packaging damage during transport and storage. The shelf life of the product is up to 2 years.

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