

Technical data sheet

SC RETARDER



Description

SC RETARDER is a carefully formulated non chloride liquid admixture providing extended setting times to cementitious grouts. It is specifically suitable for the stabilisation of BackFill Grouts for the tunnelling industry.

Application:

SC RETARDER will keep cement-bentonite grouts workable for extended periods of time and retard setting for 72 hours and beyond after batch mixing. Lab trials are necessary to determine dosage levels necessary to satisfy project requirements.

Benefits

- Reduces grout bleed and viscosity making mix easy to handle
- Provides fluid grouts minimizing risks of choking pipelines
- Mix workability assists in reducing grout bleed
- Help the pumping and application of the grout

Physical properties

Appearance	Brown liquid
Apparent density:	1.18 – 1.20 g/cm ³
pH (1% in deionised water)	5 - 8

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Guidelines for use

Typically effective inhibition is achieved with a dose rate of 2 – 3 lts per m³ of grout. Optimum levels are determined by conducting lab trials.

Packaging

25L drums, 205L drums, 1000L IBC,

Storage

SC RETARDER can be stored for 1 year in unopened containers stored away from direct sunlight and frost.

Related Documents

MSDS & application sheets available on demand. Contact your CLARIANT technical representative for any further information or references.

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