



CONSTANT PERFORMANCE

ACS MINE STABILIZER

NEW AGE TECHNOLOGY ADMIXTURE

DESCRIPTION

ACS Mine Stabilizer is a liquid admixture which effectively suspends the cement hydration process in shotcrete - thereby extending the shotcrete's useful life without affecting performance.

ACS Mine Stabilizer enables the hydration process to be reactivated hours or even days later, allowing on-site transport and application flexibility.

RECOMMENDED USES

ACS Mine Stabilizer is ideal for tunnels, roadways, railways, mine walls, power plants, working pits and slopes and can also be used in concrete repair and mass concrete.

FEATURES AND BENEFITS

- Suitable for wet or dry shotcrete applications
- Hydration process can be re-activated from 3 - 72 hours following initial application
- Extends useable life of shotcrete to allow for work interruptions
- Provides for flexible delivery and application options
- Will not affect the quality of the concrete when mixed and applied correctly
- Chloride free

PACKAGING

ACS Mine Stabilizer is available in 1000 litre non-returnable IBCs.

YIELD

The dosage rate of ACS Mine Stabilizer depends on the required retardation time, type of cement used and temperature.

As a guide, add 250 - 2000mls of ACS Mine Stabilizer per 100kg of cement.

TECHNICAL PROPERTIES

Colour	Clear
Form	Liquid
Density @ 23°C	Approx. 1.1kg / m ³
pH Value @ 23°C	Approx. 3.0
Dose rate	250 - 2000mls / 100kg of cementitious content

Note: On-site trials of ACS Mine Stabilizer must be undertaken to determine the optimum dose rate.

Contact your ACS Technical Sales Representative for dose rate guidelines and support.

MIXING AND APPLICATION

Add the required dose of ACS Mine Stabilizer to the shotcrete mix with the head water at the batch plant. Ensure product is distributed thoroughly in the shotcrete mix.

Note: Add ACS Mine Stabilizer prior to adding any plasticisers.

CLEANING

Ensure the dosing pump, hoses and other components are thoroughly cleaned with water both before and after use.

STORAGE

If stored in its original container, and at temperatures between 5°C and 30°C, ACS Mine Stabilizer will keep for up to 12 months.

HEALTH AND SAFETY

During use, avoid inhalation of dust and contact with the skin and eyes. Wear suitable clothing, gloves, eye protection and respiratory protective equipment.

If contact with the skin occurs, thoroughly clean the area with plenty of fresh water and soap. In case of contact with the eyes rinse with plenty of fresh water and seek medical advice.

If swallowed, seek medical attention immediately - do not induce vomiting.

For further information consult the Material Safety Data Sheet (MSDS) and read the product label carefully before use.

MSDS documents are available by phoning 1800 077 744.



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PLEASE NOTE

The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.

APPLIED CONCRETE SOLUTIONS
A Division of River Sands Pty Ltd

Corner Riverland and Monte-Khoury Drive,
Loganholme QLD 4129, Australia

Brisbane: (07) 3412 8111

Sydney: (02) 9677 1056

Melbourne: (03) 9311 9225

Perth: 0423 023 164

Toll Free Helpline: 1800 077 744

www.appliedconcretesolutions.com.au