

Mine Stabiliser

DESCRIPTION

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

USES

ACS Mine Stabiliser 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 Stabiliser is available in 1000L palecons.

DOSAGE RATE

The dosage rate of *ACS Mine Stabiliser* depends on the required retardation time, type of cement used and temperature. As a guide, add 250-2000mls of *ACS Mine Stabiliser* by per 100 kg of cement.

TECHNICAL PROPERTIES

Colour:	Clear
Form:	Liquid
Density @ 23°C:	Approx 1.1 kg/m ³
pH Value @23°C:	Approx 3.0
Dosage rate:	250 – 2000 mls/ 100kg cementitious

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

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

MIXING AND APPLICATION

Add the required dose of *ACS Mine Stabiliser* 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 Stabiliser* 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 Stabiliser* will keep for up to 12 months.

SAFETY

Avoid 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** and read the product label carefully before use. **Material Safety Data Sheets** are available by phoning **1800 077 744**.

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, inexperienced 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.



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