

Mine Mix Enhancer

DESCRIPTION

ACS Mine Mix Enhancer is a ready to use, high performance admixture designed to improve the workability of concrete.

USES

ACS Mine Mix Enhancer is particularly useful in concrete mixes with poor aggregates, low cement content or lower water retention abilities.

ACS Mine Mix Enhancer is suitable for tunnel linings and underground mining applications. It is also suitable for concrete in civil works.

FEATURES AND BENEFITS

- Improves the workability and uniformity of concrete.
- Enables increased flowability.
- Improves adhesion properties in shotcrete mixes.
- Reduces concrete bleed.
- Allows for quicker placement and a smoother finish.

PACKAGING

ACS Mine Mix Enhancer is available in 1000 litre non-returnable IBC's.

DOSAGE RATE

The dosage rate of *ACS Mine Mix Enhancer* depends largely on the cement mix and project conditions, however please refer to the table below as a guide and assess performance under site conditions.

Concrete Mix	mls per m ³
Poorly graded aggregates	300-1000mls
For improved pumpability	1000-2000mls
To replace silica fume	2000-5000mls

TECHNICAL PROPERTIES

Colour:	Light green
Form:	Liquid polymer dispersion
Density @23°C:	Approx. 1.0kg per litre
Dosage:	See table
pH Value @23°C:	Approx. 8.5

MIXING AND APPLICATION

Note:- Never add *ACS Mine Mix Enhancer* to dry cement.

Add *ACS Mine Mix Enhancer* before or after dosing water. Mix for approximately two minutes to efficiently disperse all components.

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 Mix Enhancer* will keep for up to three 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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