

Cemamil G100

Grinding aid to reduce grinding energy and improve cement quality



DESCRIPTION

Cemamil G100 is a liquid additive formulated from selected polymers specially designed to work as a grinding aid and pack set inhibitor for the production of cement.

APPLICATIONS

Cemamil G100 has been developed as a cement grinding aid and quality improvement additive for the cement production process, including Ball Mills, Vertical Mills, and other milling methods.

ADVANTAGES

- » Reducing the total cement cost by reducing production cost.
- » Reducing the grinding energy cost by reducing the needed grinding time to obtain same required cement fineness.
- » Increasing the production efficiency of the cement factories.
- » Reducing the CO₂ emission as a result of reducing energy consumption for the grinding process.
- » Reducing cement agglomeration resulting in better mill output and improved cement throughput.

COMPATIBILITY

Cemamil G100 can be used for all types of cement.

METHOD OF USE

Cemamil G100 should be added to the clinker by using automatic dispensers to dispense the correct quantity of Cemamil G100 when added to the clinker mill feed or when added directly to the mill.

DOSAGE

The guidance dosage of Cemamil G100 is 0.02 - 0.10% of cement weight (0.2 kg - 1.0 kg per ton of cement).

Laboratory trials and cement mills trials should be conducted to determine the optimum dosage of Cemamil G100 to meet the performance requirements by using the materials and conditions in actual use.

TECHNICAL PROPERTIES @ 25°C:

Color:	Dark brown liquid
Specific gravity:	1.10 ± 0.02
Viscosity:	40 - 50 cP
pH:	7 - 9

SPECIFICATION COMPLIANCE

Cemamil G100 has been tested and used in the cement industry. It complies with ASTM C465-22 as a non-harmful processing addition.

CLEANING

Cemamil G100 can be washed with fresh cold water.

PACKAGING

Cemamil G100 is available in 210 litre drums and 1000 litre tanks or in bulk delivery trucks.

STORAGE

Cemamil G100 has a shelf life of 12 months from date of manufacture if stored in unopened containers, at temperatures above 5°C.

If these conditions are exceeded, contact DCP technical department for advice.

CAUTIONS

HEALTH AND SAFETY

Cemamil G100 is not classified as a hazardous material. Cemamil G100 should not come into contact with skin and eyes.

In case of contact with eyes, immediately flush with plenty of water and seek medical attention.

For further information, refer to the Material Safety Data Sheet.

FIRE

Cemamil G100 is nonflammable.



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- » Adhesives.
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- » Building products.
- » Structural strengthening.

Note:

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