

# Cemamil G350

Grinding aid to reduce grinding energy and to enhance cement early and late strength



## DESCRIPTION

Cemamil G350 is a liquid additive formulated from selected polymers, designed to serve as both a grinding aid and a pack set inhibitor in cement production. Cemamil G350 is specially designed to enhance the early and late strength of cement.

## APPLICATIONS

Cemamil G350 has been formulated as a cement grinding aid and strength improvement additive for the cement production process. It is suitable for use in various milling methods, including Ball Mills, Vertical Mills, and others.

## ADVANTAGES

- » Improved early and late strength of cement.
- » Enhanced efficiency in cement factory operations.
- » Lower energy costs in the grinding process due to reduced grinding time required to achieve the desired cement fineness.
- » Reduction in CO<sub>2</sub> emissions resulting from decreased energy consumption during grinding.
- » Cost savings in cement production through reduced production costs.
- » Better mill output and increased cement throughput by minimizing cement agglomeration.

## COMPATIBILITY

Cemamil G350 can be used for all types of cement.

## METHOD OF USE

Cemamil G350 should be added to the clinker by using automatic dispensers to dispense the correct quantity of Cemamil G350 when added to the clinker mill feed or when added directly to the mill.

## DOSAGE

The recommended dosage of Cemamil G350 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 G350 to meet the performance requirements by using the materials and conditions in actual use.

## TECHNICAL PROPERTIES @ 25°C:

Colour:	Dark brown liquid
Specific gravity:	1.10 ± 0.02
Viscosity: N <sub>3</sub> S <sub>50</sub>	30 - 40 cP
pH:	9 - 11

## CLEANING

Cemamil G350 can be washed with fresh cold water.

## PACKAGING

Cemamil G350 is available in 210 litre drums and 1000 litre tanks or in bulk delivery trucks.

## STORAGE

Cemamil G350 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 G350 is not classified as a hazardous material. Cemamil G350 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 G350 is nonflammable.



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- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

### Note:

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