

Cemamil G10

Cement additive to reduce grinding energy and improve cement quality



Description

Cemamil G10 is formulated from selected polymers specially designed to work as a grinding aid and pack set inhibitor for the production of OPC and blended cement.

Applications

Cemamil G10 has been developed as a cement grinding aid and strength improvement additive for application in the cement grinding process.

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.
- ▲ Improving the cement compressive strength.
- ▲ 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 G10 can be used for all types of cement and cement replacement materials and for limestone. Cemamil G10 is compatible with all types of concrete admixtures used in the concrete mixes.

Method of use

Cemamil G10 should be added to the clinker by using automatic dispensers to dispense the correct quantity of Cemamil G10 when added to the clinker mill feed or when added directly to the mill.

Dosage

The guidance dosage of Cemamil G10 is 0.02 - 0.1% 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 G10 to meet the performance requirements by using the materials and conditions in actual use.

Technical Properties @ 25°C:

Color:	Light brown liquid
Freezing point:	-2°C
Specific gravity:	1.075 ± 0.005
Chloride content: BS5075	Nil
Viscosity:	0.1 - 0.2 poise
pH:	10.5 - 11.5

Cleaning

Cemamil G10 can be washed with fresh cold water.

Packaging

Cemamil G10 is available in 210 litre drums and 1000 litre tanks or in bulk delivery trucks.

Storage

Cemamil G10 has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 40°C.

If these conditions are exceeded, DCP technical department should be contacted for advice.

Cautions

Health and safety

Cemamil G10 is not classified as hazardous material. Cemamil G10 should not come into contact with skin and eyes.

In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

For further information refer to the Material Safety Data Sheet.

Fire

Cemamil G10 is nonflammable.

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

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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