



CEMPRO WA 5500

GRINDING AID AND STRENGTH INCREASING CEMENT ADDITIVE

Product Description

CEMPRO WA 5500 is a cement additive that is used as both grinding aid and strength increasing cement additive for cement types.

Advantages

- Increases dispersion and grinding efficiency.
- Increases quality and strength of cement.
- Reduces water demand of cement.
- Achieves high mechanical strengths for short, mid and long terms.
- Increases cement flowability by decreasing the agglomeration of cement particles
- Neutralizes conglomeration forces.
- Resolves pack set problem and increases mill capacity.
- Provides energy saving.
- Reduces cement production costs.
- Obtains desired cement fineness at a shorter time.
- Achieves self-placement of cement in silos.

Area of Use

Used in the cement plants as both grinding aid and strength increasing cement additive in order to obtain the following properties:

- To increase cement production capacity
- To decrease the agglomeration of cement particles
- To achieve high cement strength and quality.

Consumption Dosage

Optimum dosage of **CEMPRO WA 5500** should be determined by pre-test conducted at the factory to achieve desired cement qualities.

Method of Application

CEMPRO WA 5500 is dripped directly to the clinker on the conveyor belt. The proper dosage of the additive is obtained by using suitable dosing pump.

Compatibility with other admixtures

CEMPRO WA 5500 added cement products can be combined with the following concrete admixtures. Laboratory tests should be carried out before use.

- Daymix / Powermix / Platinum Series
- Dayplus Retarder
- Dayplus WP
- Dayplus Dynamic

Packaging

- 200 kg drum
- 1000 kg container
- Bulk

Storage and Shelf Life

Must be stored at temperatures between +5°C and +35°C. Under proper storing conditions, the product's shelf life is 12 months from production date if kept in original packaging unopened and undamaged. Direct sunlight exposure and freezing conditions should be avoided.

Warning

Optimum additive dosage can vary according to clinker properties, cement type and plant conditions.

Safety Measures

Use protective clothes, gloves, glasses and mask compatible with Health and Safety regulations during the application. Avoid direct contact with eyes and skin during storing and application. In case of contact wash off thoroughly with soap and water. If ingested, seek medical attention immediately. Store away from all foodstuffs. Keep away from children. For detailed safety information please consult the product's Material Safety Data Sheet (MSDS).

Technical Properties

Chemical Content	Amine based
Color, Appearance	Amber liquid
pH	6-10
Density	1,15 ± 0,03 g/cm ³

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