

INTENZIFIKATOR

Grinding aid used for improving cement milling (grinding) with the effect of enhancing early strength development and increasing ultimate strength properties

Field of application:

In the cement manufacturing process, Intenzifikator is used for improving the efficiency of clinker grinding, as well as for enhancing the performances of the manufactured cement. Intended for manufacturing of cement with all types of additives ranging from CEM I Class to CEM V Class according to EN 197-1.

Properties:

- Increasing the capacity of the mill for 10-25% depending on the characteristics of the material that is being milled;
- Reduced energy consumption in the cement manufacturing process;
- Improved physical properties of the milled material;
- Increasing bulk density of the material;
- Decreased material flocculation when stored;
- Increasing early strength properties of the manufactured cement;
- Increasing ultimate strength properties of the cement.

Technical features:

Type:	Aqueous solution of amine components
Appearance:	Brown liquid
Non-volatile components at 105°C	(55,0±2,25)%
Volume:	(1,06±0,02) g/cm ³
Chloride content:	<0.1%
pH value:	12±1,0
Freezing point:	< -15°C
Boiling point:	>100°C

Method of application and dosage:

In order to determine the optimum dosage of Intenzifikator, it is necessary to carry out industrial probes. The dosage of Intenzifikator ranges between 200 and 400 grams per tonne of material milled. Intenzifikator can be dosed by adding it directly to the mill or by spraying it immediately before the entry in the mill by using an automatic dosing system.

Effects of overdose:

Overdose can lead to decrease in early strength of cement.

Storage:

In original closed packaging, at temperature between -15°C and 40°C and protected from exposure to direct sunlight.

Packaging

Loose or in plastic containers of 1,000 kg

HEALTH HAZARDS: Avoid contact of the product with the skin and eyes or swallowing. In case of splashing on the skin or in the eyes, rinse with clean running water. If swallowed, seek medical advice. Additional information are provided in the Safety Data Sheet of the product.

FIRE: Intenzifikator is a non-flammable liquid. Additional information are provided in the Safety Data Sheet of the product.

CLEANING AND DISPOSAL: Residues of Intenzifikator should be cleaned with water. The old and used packaging should be disposed of in accordance with the local rules and regulations for that type of waste. Additional information are provided in the Safety Data Sheet of the product.

ADING

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