

# INTENZIFIKATOR-AM

*Grinding aid used for improving clinker grinding*

## Field of application:

In the cement manufacturing process, Intenzifikator AM is used for improving the efficiency of clinker grinding. Intended for manufacturing of cement ranging from CEM I Class to CEM V Class according to EN 197-1.

## Properties:

- Increasing the capacity of the mill for 15-30% 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;

## Technical features:

Type:	Aqueous solution of amine components
Appearance:	Dark brown liquid
Non-volatile components at 105°C	(65,0±3,25)%
Volume:	(1,08±0,02) g/cm <sup>3</sup>
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 AM, it is necessary to carry out industrial probes. The dosage of Intenzifikator AM ranges between 150 and 500 grams per tonne of material milled.

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

**CLEANING AND DISPOSAL:** Residues of Intenzifikator AM 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.