

INTENZIFIKATOR KC

Grinding aid for improvement of cement grinding

FIELD OF APPLICATION

In the cement manufacturing process, Intenzifikator KC is used for improving the efficiency of the mill. Intended for manufacturing of most types of cement ranging from CEM I Class to CEM V Class in compliance with EN 197-1; CEM I to CEM V, in compliance with EN 197-1.

PROPERTIES

- Increases the grinding capacity of the mill for at least 5% depending on the properties of the material that is being milled;
- Helps in reducing the total costs of cement production by reducing the grinding costs (increased capacity);
- Improves the physical properties of the manufactured cement in terms of increasing flowability and bulk density, as well as reducing cement particles agglomeration;
- The product has constant quality and contains active components;
- It does not contain chlorides.

TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Type	/	Aqueous solution of amine compounds
Appearance	Visual	Light brown transparent liquid
Density (at 20°C)	ISO 758	(1.04±0.02) g/cm ³
pH value (at 20°C)	ISO 4316	11.5±1.0

METHOD OF APPLICATION AND DOSAGE:

In order to determine the optimum dosage of Intenzifikator KC, it is necessary to perform laboratory tests and industrial probes. The dosage of Intenzifikator KC ranges between 150 and 250 g per tonne of material that is being milled. Intenzifikator KC 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 quick emptying of the mill and have a negative impact on the strength of the cement.

PACKING:

Loose or in plastic containers of 1000 kg

STORAGE:

In original closed packaging. Loose material should be stored in a closed container. The product should be protected against low temperatures. Shelf life: 1 year from the date of production.

Health hazards: Intenzifikator KC does not contain toxic materials. Nevertheless, avoid contact of the product with skin and eyes and avoid swallowing. In case of contact with skin or eyes, rinse it immediately with clean running water. If swallowed, seek medical assistance. Additional information are provided in the Safety Data Sheet of the product.

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

Cleaning and disposal: Residues of Intenzifikator KC 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.