

# EPOMIX ERZ 1101

Strength Enhancer and Grinding Aid



## PRODUCT DESCRIPTION

**EPOMIX ERZ 1101** is a universal admixture that can be used in all types of cement as a grinding aid and quality enhancer. An admixture that can optimize the clinker usage by improving early and final compressive strengths.

## ADVANTAGES

- **EPOMIX ERZ 1101** increases the hourly production in the mill and maintains a fine and homogeneous particle size distribution.
- By influencing the hydration reactions, increases the durability of cement and optimize the clinker use.
- Increases the early and final compressive strength by min 15-20%
- **EPO MIX ERZ 1101** decreases the agglomeration (the tendency of the fine ground particles to come together) during grinding stage.
- Increases the grinding mill performance and production yield. It reduces grinding energy coasts.

## APPLICATION

Grinding of cements types from CEM I to CEM V

## METHOD OF USE

Industrial trials are required to determine the optimum dosage. A dosing pump is required to introduce the correct dosage of **EPO MIX ERZ 1101** into the mill

**EPO MIX ERZ 1101** can be fed directly into the mill or onto the feed conveyor belt by dripping. The dosage nozzle should be periodically checked to prevent blocking up.



## PRODUCT DATA

<b>Form</b>	Liquid
<b>Colour</b>	Brown
<b>Consumption</b>	0.03 – 0.15 % of cement weight (Depending on the previously made trials)
<b>Packing</b>	Drums / Bulk
<b>Shelf Life</b>	<b>EPOMIX ERZ 1101</b> should be kept original closed packaging. Protect from excessive cold and freezing. Avoid direct air contact. Store in clean and dry tanks or containers, if possible discharge in closed systems.

## RELEVANT STANDARDS

**EPOMIX ERZ 1101** meets the performance requirements of **TS EN 197-1**

## TECHNICAL SPECIFICATION

Test Name	Average Result
<b>Density @ 20°C</b>	1.135 ± 0.03 Kg/Ltr
<b>pH</b>	7.5 ± 1.5
<b>Cl - ions Content (%)</b> (EN 480-10)	< 0.1



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