



Performance Enhancing Grinding Aid for Vertical Roller Mills

Description: POLYSTAR SE 3330 is a specialized grinding aid and performance enhancer developed for CEM IV pozzolanic cements containing natural pozzolan, calcined clay, or other siliceous materials. It improves grindability and stabilizes milling performance while supporting consistent strength development in pozzolan-rich cement systems.

Technical Properties:

Chemical Base	Amine/Glycols mixture
Appearance	Homogeneous Liquid
Color	Light Yellow
pH	7,5 ±1
Density (g/cm³)	1,14 ± 0,02
Chloride content	< 0,01

Application :

POLYSTAR SE 3330 should be directly added to the mill or conveyor belt during the grinding process using an adjustable dosing pump.

Advantage :

- Facilitates grinding of pozzolanic materials with high specific surface
- Improves mill stability in high pozzolan content formulations
- Reduces coating and material accumulation in the mill
- Enhances interaction between clinker and pozzolanic components
- Supports consistent compressive strength development
- Improves cement performance uniformity despite raw material variability
- Enables efficient production at optimized clinker ratios
- Reducing the CO₂ emission as a result of reducing energy consumption for the grinding process.

Fire : POLYSTAR SE 3330 non-flammable.

Packaging : 1000 kg IBC konteyner Bulk

Health and Safety Information:

The additive must be kept away from the skin and eyes. In case of any contact, it must be washed with water. When contacted with eyes one must immediately rinse it with water and medical support must be taken. Protective goggles / gloves / mask should be used during the usage of the additive. The Safety Data Sheet (SDS) should be read for detailed information.

Dosage:

Recommended dosage range: 0.03% – 0.08% by weight of cement (300–800 g/ton).

The optimal dosage should be determined through laboratory and industrial mill trials, based on clinker properties, mill settings, and target fineness.

Storage:

Must be stored at temperatures between +5°C and +35°C. Direct sunlight exposure and freezing conditions should be avoided. Once frozen, the product should be thawed out slowly and re-mixed thoroughly prior to use. Under proper storing conditions, the product's shelf life is 12 months from production date if keep in original packaging unopened and undamaged.



Standards compliance:

Complies with ASTM C465.

Cleaning :

In case of a possible spill or contamination, it can be washed with clean cold water.

