



## Finally Strength Enhancing Grinding Aid for All Cement Types

**Description:** POLYSTAR SE 3030 is a high performance chemical formulation specifically designed to enhance grinding efficiency by promoting more effective particle breakage during cement grinding and to increase final strength. When applied at low dosages, it optimizes cement reactivity, accelerates the development of final strength, and contributes to energy savings in the production process.

### Technical Properties:

<b>Chemical Base</b>	Amine
<b>Appearance</b>	Homogeneous Liquid
<b>Color</b>	Brown
<b>pH</b>	9 ±1
<b>Density (g/cm<sup>3</sup>)</b>	1,06 ± 0,02
<b>Chloride content</b>	< 0,01

### Application :

POLYSTAR SE 3030 should be directly added to the mill or conveyor belt during the grinding process using an adjustable dosing pump.

### Advantage :

- Improves final compressive strength (28–90 days)
  - Enhances cement grinding efficiency.
  - Reduces energy consumption.
  - Accelerates early-age strength.
  - Shortens formwork removal time.
  - Increases final strength.
  - Improves concrete and mortar performance.
  - Optimizes cement reactivity.
  - Ensures a uniform and high-quality product.
- Effective at low dosages. Provides cost efficiency.
  - Controls setting.
  - Reducing the CO<sub>2</sub> emission as a result of reducing energy consumption for the grinding process.

**Fire :** POLYSTAR SE 3030 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.

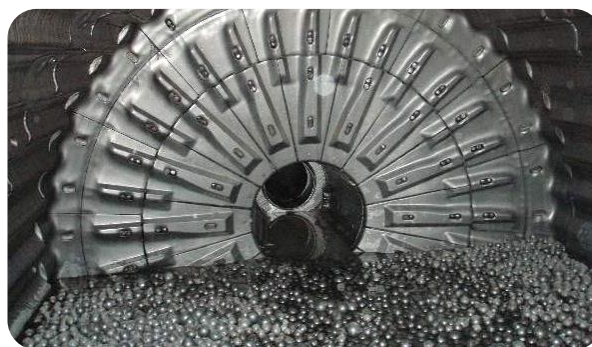
### Dosage:

Recommended dosage range: 0.04% – 0.06% by weight of cement (400–600 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.

