



## Grinding Aid for Plaster Mortar Cements

### Description:

POLYSTAR GA SV 750 is a chemical additive developed for plaster cements to facilitate grinding, increase strength and improve workability.

### Technical Properties:

Chemical Base	Amine/Glycol mixture
Appearance	Homogeneous Liquid
Color	Light Yellow
pH	11,5 ±1
Density (g/cm <sup>3</sup> ) (at +20°C)	1,07 ± 0,02
Chloride content	< 0,01

### Application :

POLYSTAR GA SV 750 should be directly added to the mill or conveyor belt during the grinding process using an adjustable dosing pump.

### Advantage :

- It prevents agglomeration by reducing the electrical attraction between cement particles and increases the cement hydration rate.
- It increases cement fluidity in ball mills, increasing separator efficiency.
- It lowers the pack set index of cement.
- It allows cement fineness to be reduced to targeted levels more easily.
- It reduces unit energy and grinding costs.
- It allows setting time to be adjusted to the desired degree.
- It increases the adherence of ground cement to the surface and increases its resistance to freeze-thaw weathering.
- It increases the impermeability of mortars made with ground cement.
- It increases cement workability.

**Fire :** POLYSTAR GA SV 750 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% – 0.05% by weight of cement (400–500 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.

