



# SlagPro GA55

*Liquid grinding aid and performance enhancer*

SlagPro GA55 is a liquid grinding aid designed specifically for the milling of ground granulated blast furnace slag (GGBFS) and blended cements containing slag. This custom-formulated blend improves grinding efficiency, reduces mill retention, and enhances product flow and early strength development.

## USAGE GUIDELINES

- Recommended Dosage: 300–1000 g per tonne of slag (0.03–0.10% by weight)
- Addition Method: Add directly into the mill feed, separator feed, or onto clinker/slag belt; dosing pumps are recommended for consistent application
- Compatibility: Compatible with most other cement additives and admixtures; trial blends recommended prior to full-scale production
- Mixing: Stir prior to use if product has been in storage for an extended period
- Trial Recommendation: Begin with a mid-range dose (e.g. 600 g/tonne) and adjust based on grinding energy reduction and product fineness

## APPLICATIONS

- Grinding of granulated blast furnace slag (GGBFS)
- Slag/cement blends in ball mills or vertical roller mills
- Ready-mix or pre-blended cement production
- Supplementary cementitious materials (SCM) processing

## TYPICAL PROPERTIES

| Parameter               | Specification                  |
|-------------------------|--------------------------------|
| Appearance              | Clear to light brown liquid    |
| Specific Gravity @ 20°C | 1.12 – 1.15 g/cm <sup>3</sup>  |
| pH (Neat)               | 8.0 – 10.0                     |
| Solubility              | Fully soluble in water         |
| Freeze Point            | ~0°C                           |
| Recommended Dosage      | 0.03 – 0.10% by weight of slag |

## COMPOSITION (Typical)

| Component                  | Function                       |
|----------------------------|--------------------------------|
| Triisopropanolamine (TIPA) | Strength enhancer & dispersant |
| Diethylene Glycol (DEG)    | Agglomeration reducer          |
| Sodium Lignosulfonate      | Flow enhancer, dispersant      |
| Sodium Acetate             | Surface modifier               |
| Water (carrier)            | Solvent & diluent              |





**LIMITED WARRANTY INFORMATION.  
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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**PACKAGING**

Available in 200L HDPE drums, 1,000L IBC totes, or bulk tanker.

**STORAGE & HANDLING**

Store in a dry, frost-free area. Avoid prolonged exposure to sunlight. Keep containers sealed when not in use. Product is stable under normal storage conditions. Stir before use if stored long-term.

**HEALTH & SAFETY**

Use appropriate PPE when handling. Avoid contact with eyes and skin. In case of spillage, flush with water. For detailed safety information, refer to the Safety Data Sheet (SDS).