



PACTOCem Aid SG8000

Grinding Aid for Slag Grinding and Blended Cements

Description

PACTOCem Aid SG8000 is specially formulated product for the Slag grinding and blending cement using slag to produce GGBFS and other slag blended cements

Recommended for

PACTOCem Aid SG8000 is recommended for:

- Slag grinding aid and various mineral materials
- Suitable for Slag grinding in both Ball Mill and Vertical Roller Mill (VRM)

Features and Benefits

PACTOCem Aid SG8000 has been exclusively formulated after rigorous R&D process for effective slag grinding to improve mill productivity to produce GGBFS. **PACTOCem Aid SG8000** is able to provide following benefits to the cement and GGBFS producers:

- Increases slag grinding productivity by reducing grinding cost and specific energy power consumption.
- Effective reduction in residue level to improve GGBFS quality
- Improved Particle Size Distribution (PSD) enhances GGBFS blended concrete rheology
- GGBFS flowability in storage silos improving bulk dispatches efficiency.
- Mill output can be increased up to 15%

Product Specification

Density (g/cm ³) (20°C)	1.02 – 1.06
Chloride Content % (EN 480-10)	< 0.1
Colour	Brownish liquid
Homogeneity	Homogeneous



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Technical Details

PACTOCem Aid SG8000 helps to increase mill output up to 15% however industrial field cement plant trials are recommended to optimize PACTOCem Aid SG8000 dosage to achieve desired Cement mill performance.

PACTOCem Aid SG8000 is suitable for use in Ball Mill and Vertical Roller Mill (VRM).

PACTOCem Aid SG8000 grinding aid contains special chemical catalysts that react with the cement to enhance the hydration process resulting in better early and ultimate compressive strengths.

Compatibility

PACTOCem Aid SG8000 is compatible for use with all types of Portland cements and blended cement replacement materials like GGBS, PFA and limestone. **PACTOCem Aid SG8000** is compatible to all PACTO range concrete admixtures

Dosage Guidelines

PACTOCem Aid SG8000 guideline dosage is 0.02-0.08% by weight of cement. Dosage may vary depending on raw slag source, Type of cement mill, desired mill output. **PACTOCem Aid SG8000** dosage shall be optimized during plant field trials and actual plant use to meet desired requirements. Please contact PAC Technologies technical department for PACTOCem Aid SG8000 dosage use outside guideline dosage range.

Technical services

PAC Technologies technical experts are available at all the time for technical assistance and troubleshooting.

Packaging

PACTOCem Aid SG8000 is supplied in 205 Litres drums, 1000 Litres IBCs tanks and Bulk tanker supply. It does not contain flammable materials.



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Dispensing

PACTOCem Aid SG8000 is normally added on material belt conveyor before materials entering grinding mill using suitable metering pump dispensing system. The **PACTOCem Aid SG8000** can be added to grinding mill first chamber however addition location shall be decided jointly depending on actual plant condition.

Standard Compliance

PACTOCem Aid SG8000 has been widely used in cement industry and complies with ASTM C465-85 as a non-harmful processing addition.

Storage

PACTOCem Aid SG8000 shall be stored in covered storage area in clean dry tanks where temperature does not drop below freezing.

Shelf Life

PACTOCem Aid SG8000 can be stored up to 12 months in its original manufacturer's containers.

Safety Precautions

The usual precautionary measures should be adhered to handling the chemicals. Skin and Eye Contact: The affected area should be washed with plenty of water and soap. During the handle of the product, should use protective gloves.



P.O. Box 282 676 Dubai - UAE
Tel: +9714 770 66 46 / 885 0886
Fax: +9714 770 66 47 / 885 0887
Visit us: www.pactechnologies.ae

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