



PACTOCem Aid RM 3000

Raw Mill Grinding Aid

Description

PACTOCem Aid RM3000 is an aqueous solution of liquid dispersants specially formulated for Raw Mill for minerals, silica, limestone, calcium carbonate and cement raw materials grinding in both Ball Mill and Vertical Roller press Mill (VRM).

Recommended for

PACTOCem Aid RM3000 is recommended for:

- Cement Raw materials grinding in Ball type and Vertical Raw mills ,
- Various minerals grinding in raw mill,
- Silica, limestone and pure calcium carbonate grinding

Features and Benefits

PACTOCem Aid RM3000 helps to reduce agglomeration in raw mill to increase raw grinding efficiency and production output. **PACTOCem Aid RM3000** is able to provide following benefits to the Cement Plants and Mineral grinding processing units:

- Increases raw mill productivity by reducing raw mill grinding cost and specific energy power consumption.
- Increased materials fineness and reduced residue levels of raw materials for better burning efficiency and materials flowability

Production specification

Density (g/cm ³) (20°C)	1.07 – 1.15
pH Level	3.0 – 5.0
Colour	Brownish liquid
Homogeneity	Homogeneous

Technical Details

PACTOCem Aid RM3000 helps to increase raw mill output up to 15% however industrial field plant trials are recommended to optimize PACTOCem Aid RM3000 dosage to achieve desired raw mill performance.

PACTOCem Aid RM3000 is suitable for use in Ball Mill and Vertical Roller Mill (VRM).

PACTOCem Aid RM3000 grinding aid contains special chemical catalysts that react with the raw mill materials to enhance grinding process resulting in better fineness and residue results.



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Compatibility

PACTOCem Aid RM3000 is compatible for use in Ball Mills and Vertical raw mill

Dosage Guidelines

PACTOCem Aid RM3000 guideline dosage is 0.03 - 0.10% by weight of cement. Dosage may vary depending on raw materials composition, raw mill type, and various raw materials properties. PACTOCem Aid RM3000 dosage should be optimized during plant field trials and actual plant use to meet desired performance requirements. Please contact PAC Technologies technical department for PACTOCem Aid RM3000 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 RM3000 is supplied in 205 Litres drums, 1000 Litres IBCs tanks and Bulk tanker supply. It does not contain flammable materials.

Dispensing

PACTOCem Aid RM3000 is normally added on the raw material belt conveyor before raw mill using suitable metering pump dispensing system. The PACTOCem Aid RM3000 can be added to cement mill first chamber however addition location shall be decided jointly depending on actual plant condition.

Standard Compliance

PACTOCem Aid RM3000 has been widely used in cement industry and complies with ASTM C465-85 as a non-harmful processing addition.

Storage

PACTOCem Aid RM3000 shall be stored in covered storage area in clean dry tanks where temperature does not drop below freezing.



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Shelf Life

PACTOCem Aid RM3000 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.



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