

DARAGRIND® Mineral Grinding Aid Data Sheet

Mineral Grinding Aid

Product Description

DARAGRIND® is one of the largest product developments by GCP Applied Technologies in the field of Grinding Additives for minerals, cement raw materials, coal, pure calcium carbonate, limestone, silica and quicklime.

Addition Rates

The dosage rate of DARAGRIND® can vary from 0.005% to 0.1% by weight. The optimum dosage rate will depend on the fineness and the re-agglomeration characteristics of each material.

Dosing Equipment

DARAGRIND® should be accurately dispensed through a calibrated dosing system, suitable for mill and production rate.

GCP can advise on suitable equipment for installation, covering manual, semi-automatic and computerized systems.

Handling

DARAGRIND® may be sprayed as received into the mill or added onto conveyor belt. DARAGRIND® can be diluted with up to 8 parts of water to ensure greater proportioning accuracy and better distribution.

Technical Service

To assist you in obtaining optimum performance from your GCP Cement Additive, we offer advice and assistance by trained personnel, experienced in additive technology, and the facilities of our fully equipped laboratories.

Product Advantages

- Increased mill output at same fineness
- Increased fineness for same energy input
- Reduced grinding costs
- Increased powder flowability

| MATERIAL GROUND | DOSAGE (GRAMS PER TONNE) |
|-----------------------------|--------------------------|
| Cement Raw Materials, Coal | 200-800 |
| Silica | 500-1000 |
| Calcium Carbonate/Limestone | 400-1000 |

Lime

50-400

Safety Information

DARAGRIND® products are non flammable.

A SDS (Safety Data Sheet) is available upon request.

Packaging

DARAGRIND® products can be supplied in 205 litre drums, 1000 litre bulk boxes and in bulk tankers.

Storage

The shelf life of DARAGRIND® products is a minimum of 12 months in original containers.

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Last Updated: 2023-06-28

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