

GRINDING AIDS

Master Format #: 00 00 00

EUCEM™ AMA 28 ASC

HIGH PERFORMANCE CEMENT GRINDING AID



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Available in 55 gal (208 L) drums, 264 gal (1000 L) totes, and bulk

SHELF LIFE

12 months

SPECIFICATIONS/COMPLIANCES

ASTM C465

TECHNICAL INFORMATION

Active Ingredients:

Aqueous solution of hydroxylated amine components and polyols

Actives Content: 68% - 72%

DESCRIPTION

EUCEM AMA 28 ASC is a cement additive specifically formulated to improve the grinding of minerals and particularly recommended for grinding cements containing limestone.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Increased mill production (10% to 25%) depending on the efficiency of the equipment and the characteristics of the material to be ground.
- Increased mechanical strength at 28 days of the cement without any negative secondary effect.
- Reduced grinding energy costs.
- Improved physical properties of the ground material.
- Improved performance in both closed and open circuit systems at equal specific surface area or equal sieve residues.
- Increased bulk density.
- Improvement of the powder flow characteristics before, during and after storage.
- The substantial reduction of the risk of false set due to the lower grinding temperatures.
- The improvement of the cement particle size distribution, resulting in more thorough hydration.
- The reduction of plastic shrinkage (initial set).

PRODUCT SPECIFICATION

| % Solids (ASTM C494) | Specific Gravity @ 77°F (25 °C) (ASTM D1298) | pH per Electrode @ 77°F (25 °C) |
|----------------------|--|---------------------------------|
| 68.0 - 72.0 | 1.060 - 1.110 | 8.5 - 11.7 |

DIRECTIONS FOR USE

DOSAGE

The dosage range is from 0.40 lb per short ton (0.2 kg per metric ton) to 1.0 lb per short ton (0.5 kg per metric ton) of cement (active ingredients basis). Industrial trials are required to determine the optimum dosage.

PROCEDURE

EUCEM AMA 28 ASC may be introduced directly into the mill or onto the feed conveyor belt. A dosing pump is required to introduce the correct dosage into the mix. Our field technicians are ready to provide advice and assistance in the use of product.

PRECAUTIONS/LIMITATIONS

- Store EUCEM AMA 28 ASC at temperatures above 32°F (0°C). If the product freezes, its properties can be recovered after thawing and agitating thoroughly.
- Do not store the product at temperatures above 100 °F (38°C) for long periods.
- Do not mix with any other product without previous notice.
- Refer to Safety Data Sheet for additional information.

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