

GRINDING AIDS

Master Format #: 00 00 00

EUCEM™ AEM

AIR ENTRAINING AND WATERPROOFING AGENT FOR MASONRY CEMENTS EUCLID CHEMICAL



PRODUCT INFORMATION

PACKAGING

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

SHELF LIFE

12 months

TECHNICAL INFORMATION

Active ingredients:

Aqueous solution of organic
components

Chloride content: < 0.1%

Alkali content : < 1.2% Na₂O equiv

Freezing Point: 0°C

Flash Point: >100°C

Solids content: 34.5-36.5%

Color: Light yellow

DESCRIPTION

EUCEM AEM is a grinding aid specifically formulated to entrain air into masonry type cements and improved the waterproofing characteristics.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Strong tension-active action.
- Better control of air contents, optimised bubble size and spacing. Good air retention properties.
- Easier and more thorough mortar mixing.
- Improved trowelability.
- Improved flowability.
- Improved water tightness.
- Reduces plastic shrinkage (initial set).
- 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.
- Powder flow characteristics are improved before, during and after storage.

APPLICATIONS

- Masonry type cements according to ENV 413-1

TECNICAL INFORMATION

% Solids (ASTM C494)	Specific Gravity @ 77°F (25 °C) (ASTM D1298)	pH per Electrode @ 77°F (25 °C)
34.5 - 36.5	1.010 - 1.030	9.0 - 10.0

DIRECTIONS FOR USE

DOSAGE

The dosage range is from 0.8kg - 2kg per metric ton of material to be ground. Industrial trials are required to determine the optimum dosage. Recommended initial dosage is 1.2kg per metric ton.

PROCEDURE

Liquid admixture ready-to-use. A dosing pump is required to introduce the correct dosage into the mill. EUCEM AEM may be introduced directly into the mill or onto the feed conveyor belt.

Our technicians are ready to provide advice and assistance in the use of EUCEM AEM.

PRECAUTIONS/LIMITATIONS

- The quality is guaranteed for 12 months starting from the manufacturing date provided the product is not altered with other chemicals.
- Do not mix with any other product.
- EUCEM AEM freezes at 0°C.
- Refer to Safety Data Sheet for additional information.

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