

## GRINDING AIDS

Master Format #: 00 00 00

# EUCEM™ AEM 2Z

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% Na<sub>2</sub>O equiv

**Freezing Point:** 0°C

**Flash Point:** >100°C

## DESCRIPTION

EUCEM AEM 2Z is a grinding aid that was 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 N, S and M

## 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.

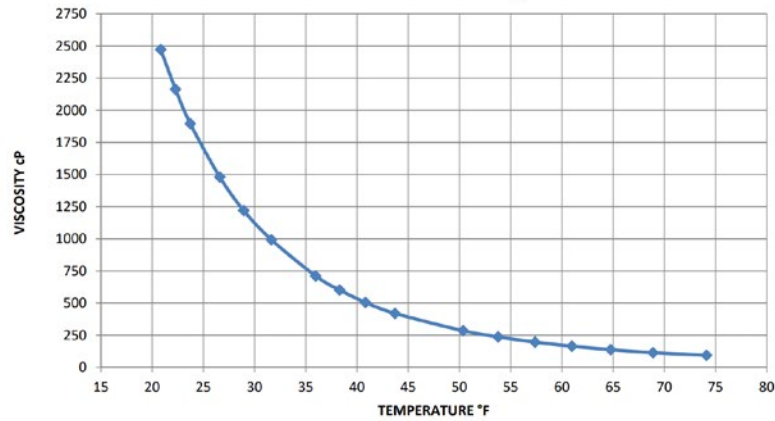
### PROCEDURE

Liquid admixture ready-to-use. A dosing pump is required to introduce the correct dosage into the mill. EUCEM AEM 2Z 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 2Z.

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## VISCOSITY



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## 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 2Z freezes at 0°C.
- Refer to Safety Data Sheet for additional information.

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