



CHRYSO®AEM

GRINDING AID - Air entraining and waterproofing agent for masonry cements

Description

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

- Strong tensio-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.

Physical and chemical properties

- ♦ Active ingredients: Aqueous solution of organic components.
- ♦ Specific gravity at 20°C: 1.020 kg/ dm³ (± 0.015).
- ♦ pH at 20°C : 10.5 (± 1.5).
- ♦ Chloride content: < 0.1%.
- ♦ Alkali content : < 1.2% Na₂O equiv.

Other characteristics

- ♦ Color: Light yellow.
- ♦ Freezing point: 0°C.
- ♦ Flash point : >100°C.
- ♦ Solids content: 34.5-36.5%

Packaging

- Bulk tanker loads (where appropriate).
- 1000 litre containers and 215 litre drums.

Storage

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.
CHRYSO®AEM freezes at 0°C.

Method of use

Applications

- Masonry type cements according to ENV 413-1.

Directions for use

Dosage: The dosage range is from 0.8kg to 2kg/ metric tonne of material to be ground. Industrial trials are required to determine the optimum dosage. Recommended initial dosage is 1.2kg/ metric tonne.

Procedure: Liquid admixture ready-to-use.

A dosing pump is required to introduce the correct dosage into the mill. **CHRYSO®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 **CHRYSO®AEM**.

Precautions

Health and Safety: If **CHRYSO®AEM** comes into contact with skin, flush with water immediately.

Fire: **CHRYSO®AEM** is non flammable (F.P.>100°C).

Cleaning: Spillage of **CHRYSO®AEM** can be removed with water.

Overdose: Dosages in excess of 3kg/ metric tonne should be avoided.

CHRYSO®AEM 2Z

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SAFETY & TECHNICAL ASSISTANCE

Refer to safety data sheet.

CHRYSO will provide on site technical assistance, when requested.

Further guidance and technical data is available from the CHRYSO cement department or our local representative.

Information contained in this document is given to the best of our knowledge and is based on extensive testing. In no event can it be considered as a warranty involving our liability in case of misapplication. A trial before application should ensure that the product conforms to the required conditions for use.
Our specialists will assist in solving any difficulties encountered by the user.

Please enquire for the latest up-date

Last up-date : 01/2001