

CHRYSO® Air AE

Air entraining admixture

DESCRIPTION

•**CHRYSO® Air AE** is an air entraining agent creating stable microscopic air bubbles in concrete and mortar.

•**CHRYSO® Air AE** protects the concrete effectively against frost / defrost cycles and the action of defrosting salts.

BENEFITS

•**CHRYSO® Air AE** creates a matrix of stable, evenly distributed air bubbles in both the fresh and hydrated system employed.

•In fresh concrete, **CHRYSO® Air AE** also has a plasticising effect. It limits the amount of segregation and reduces or even eliminates bleeding.

•Using **CHRYSO® Air AE** prevents many compatibility problems between cement / sand / admixtures.

•Its highly effective action ensures its compatibility with all types of superplasticizers, and especially with **CHRYSO® Omega**, **CHRYSO® Optima** and **CHRYSO® Premia** ranges.

•**CHRYSO® Air AE** improves workability - the micro air bubbles entrained act as ball bearings, lubricating the mix.

FIELDS OF APPLICATION

- All cement types
- Marine construction
- Extruded concrete
- Dams
- Reservoirs
- Concrete exposed to freeze thaw
- Motorway slabs
- Airport runways
- Optimisation of coarse sand particle size distribution

CHARACTERISTICS

Product Nature	liquid
Color	Dark brown
Lifetime	12 months
Specific gravity	1,010 ± 0,020
pH	11,00 ± 3,00

METHOD OF USE

▪ This product is completely miscible in water.

•**CHRYSO® Air AE** is completely soluble in water. The preferred method (but not exclusive), is to add it to the mixing water before introducing into the concrete mixer.

•The optimum dosage of **CHRYSO® Air AE** can only be established after trial tests, taking into account local conditions affecting the air content and the mechanical properties required from the concrete.

•Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.

Dosage :

0.3 to 0.8 kg for 100 kg of cement.

PRECAUTIONS

- Protect from frost.
- Use at a temperature above 0° C.
- Should the product freeze, some crystals may appear, which will disappear after agitating or when the temperature is positive again.

NORMATIVE AND REGULATORY INFORMATION

- CONF08
- CONF01
- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex

SAFETY

•**CHRYSO® Air AE** is alkaline and it is recommended that normal industrial precautions are taken: gloves, goggles. Refer to safety data sheet.

•**CHRYSO® Air AE** is non-flammable.

TECHNICAL DATA SHEET

CHRYSO® Air AE

Air entraining admixture

Chryso
Concrete
Solutions

18/02/2025

PACKAGING

- 1000 L IBC
- 200 L drum
- 20 L bucket

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. www.chryso.ph
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