

CHRYSO® Air G500

Air entraining admixture

DESCRIPTION

CHRYSO® Air G500 is air entraining agent creating a stable network of microscopic air bubbles in concrete, when introduced in concrete. **CHRYSO® Air G500** effectively protects concrete against frost/ defrost cycles and the action of defrosting salts.

Using **CHRYSO® Air G500** avoids compatibility problems between cement/sand/admixtures.

In fresh concrete, **CHRYSO® Air G500** also has a plasticising effect. It limits the amount of segregation and reduces or even eliminates bleeding.

It is also compatible with all types of superplasticizers.

FIELDS OF APPLICATION

- All cement types
- Concrete exposed to freeze thaw
- Extruded concrete
- Dams
- Motorway slabs
- Marine construction
- Civil Engineering
- Airport runways

CHARACTERISTICS

Product Nature	liquid
Color	Yellow
Lifetime	18 months
Equivalent Content NA₂O	≤ 0,10 %
Specific gravity	1,000 ± 0,010
pH	8,50 ± 1,00

NORMATIVE AND REGULATORY INFORMATION

- This BENOR data sheet contains the characteristics performances declared by the manufacturer and is checked by the certification organization.
- The product's BENOR certification indicates that, on the basis of an external periodic inspection, there is a sufficient level of confidence that the licensee is in a position to ensure continuity.
- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

PACKAGING

- 1000 L IBC
- 200 L drum

METHOD OF USE

- The targeted plasticity determines the quantity of water to be used.
- This product is completely miscible in water.
- This product must be added to the mixing water.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required mechanical performances of the concrete.

Dosage :

0.1 to 1.0 kg for 100 kg of cement.

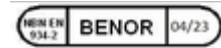
PRECAUTIONS

- Protect from frost.
- Avoid prolonged exposure to high temperatures.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.
- Use at a temperature above 0° C.

SAFETY

CHRYSO® Air G500 is a product classified as "harmless". It is recommended to wear the normal protective equipment. Please refer to the material safety data sheet for additional information.

TECHNICAL DATA SHEET



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Chryso
Concrete
Solutions

10/10/2024

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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