

Chryso Air G100

Air entraining admixture

DESCRIPTION

CHRYSO®Air G100 is an air entraining agent which creates stable microscopic air bubbles in concrete and mortar. CHRYSO®Air G100 effectively protects concrete from frost/thaw cycles and the action of defrosting salts. In fresh concrete, CHRYSO®Air G100 also has a plasticising effect. It limits the amount of segregation and reduces, or even eliminates, bleeding.

Using CHRYSO®Air G100 prevents many compatibility problems between cement / sand / admixtures. Its highly effective action ensures its compatibility with all types of superplasticizers.

FIELDS OF APPLICATION

- All cement types
- Concrete exposed to freeze thaw

INDICATIVE INFORMATION

Product Nature	liquid
Color	Light yellow
Lifetime	18 månader

SPECIFICATIONS

Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 0,50 %
Specific gravity	1,005 ± 0,005
pH	7,00 ± 1,00
Dry extract (EN 480-8)	3,50 % ± 0,300
Dry Extract (SYNAD - IFSTTAR)	3,40 % ± 0,30

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.
- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex

TEST SITE

Examples of results obtained according to the methods defined in the ISO 4848 certification concerning air content. Concrete based on a CEM I 42.5 cement (SSB: 3200–4000 cm²/g and C3A: 7%-11%). Tests carried out for equal consistency.

METHOD OF USE

- This product is completely miscible in water.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological properties, the strength performances and factors acting on workability.

Dosage:

0.04 to 1.00 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.

SITE REFERENCES

Viaducts over Motorway A85 (Ingrandes aka "La Perrée" and Roumer), France.

SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.