

CHRYSO® Air G500

Air entraining admixture

DESCRIPTION

CHRYSO® Air G500 is an air entraining agent which creates a stable network of microscopic air bubbles in concrete, when introduced in concrete. CHRYSO® Air G500 effectively protects concrete from frost/thaw cycles and the action of defrosting salts. In fresh concrete, CHRYSO® Air G500 also has a plasticizing effect.

It limits the amount of segregation and reduces, or even eliminates, bleeding. Using CHRYSO® Air G500 prevents compatibility problems between cement/sand/admixtures. CHRYSO® Air G500 is also compatible with all types of superplasticizers.

FIELDS OF APPLICATION

- All cement types
- Concrete exposed to freeze thaw

INDICATIVE INFORMATION

Product Nature	liquid
Color	Yellow
Lifetime	18 months

SPECIFICATIONS

Cl⁻ ions content	≤ 0,100 %
Equivalent Content NA₂O	≤ 0,30 %
Specific gravity	1,000 ± 0,010
pH	8,50 ± 1,00
Dry extract (EN 480-8)	1,00 % ± 0,100
Dry Extract (SYNAD - IFSTTAR)	0,94 % ± 0,10

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.

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:

0.05 to 3.0 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.

SAFETY

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