

CHRYSO® Optima 1340

Water reducing Plasticizing admixture

DESCRIPTION

CHRYSO® Optima 1000 is the new breakthrough from CHRYSO. This technology is dedicated for the design of tailor-made superplasticizing solutions for jobsite. Thanks to its specifically designed molecular structure, CHRYSO® Optima 1340 enables the concrete manufacturer to produce cohesive, low viscous concrete with long workability retention.

CHRYSO® Optima 1340 provides concrete with a high workability, while reducing the water/cement ratio. CHRYSO® Optima 1340 has been developed to maintain fresh concrete workability together with high early strength. CHRYSO® Optima 1340 is therefore an admixture which is particularly suited for jobsite and ready-mix industry.

Optima 1340

FIELDS OF APPLICATION

- All cement types
- Slump flow superior to 100 mm
- Extended workability retention
- Hot weather concreting
- Ready-mix concrete
- Job sites

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	9 months

SPECIFICATIONS

Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content Na ₂ O	≤ 3,00 %
Specific gravity (20°C) in kg/dm ³	1,120 ± 0,020
pH (20°C)	6,00 ± 1,00
Dry Extract (SYNAD - IFSTTAR)	38,50 % ± 1,50

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

METHOD OF USE

- A 1.0% dosage of the product of the weight of cement is commonly used.
- This product must be added to the mixing water or at the end of the mixing cycle.
- Should the product be added to fresh concrete, into the mixing truck, it is necessary to mix at high speed, and then at low speed (with a minimum of 3 minutes, at each speed).
- 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.
- This product is compatible with any CHRYSO® admixture.

Dosage :

0.1 to 1.8 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.

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- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex
- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.