

CHRYSO®Fluid Optima 145

Water reducing Plasticizing admixture

DESCRIPTION

CHRYSO®Fluid Optima 145 is a new generation plasticizer, with superplasticizing performance with most cements, based on modified polycarboxylate and phosphonate. Thanks to its specifically designed molecular structure, CHRYSO®Fluid Optima 145 enables to produce cohesive, low viscous concrete with long workability retention. CHRYSO®Fluid Optima 145 provides concretes with long workability retained, together with reduced water/cement ratio.

CHRYSO®Fluid Optima 145 is particularly suited for pumped concrete over long distances. This set of performance makes CHRYSO®Fluid Optima 145 very much suited for readymix industry and infrastructure jobsites.

FIELDS OF APPLICATION

- Precast
- All cement types
- Extended workability retention
- High Performance Concrete - Very High Performance Concrete
- Architectural concrete
- Ready-mix concrete

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	18 months

SPECIFICATIONS

Halogen Dry Extract	32,00 % ± 1,60
Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 1,00 %
Specific gravity (20°C) in kg/dm ³	1,065 ± 0,020
pH (20°C)	5,00 ± 1,00
Dry extract (EN 480-8)	31,50 % ± 1,500

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to NF 085 certification, which technical

METHOD OF USE

- This product is completely miscible in water.
 - This product must be added to the mixing water or later on, on concrete.
 - 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.
- 0,9 % to the cement weight is a common dosage.

Dosage :

0.3 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.

SECURITY

Before use, see MSDS.

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specifications are those applied in the non harmonised part of NF EN 934-2.

- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex
- This product conforms to CE marking. The appropriate declaration can be found on our internet site.