

CHRYSO®Fluid Optima 352 EMx

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®Fluid Optima 352 EMx is a new generation superplasticizer. It is particularly suited for ready-mix concrete and civil engineering. CHRYSO®Fluid Optima 352 EMx is suited for a significant water reduction and/or increase the workability of fresh concrete. Thus, CHRYSO®Fluid Optima 352 EMx may be used in a large range of concretes. CHRYSO®Fluid Optima 352 EMx is particularly fitted for cements which require a high dosage of admixture.

The use of CHRYSO®Fluid Optima 352 EMx results both in a high water reduction and long workability retention. CHRYSO®Fluid Optima 352 EMx provides homogeneous and low viscosity concretes, which are easy to place, even with cements containing SCM. CHRYSO®Fluid Optima 352 EMx is particularly suited for SCC formulation.



FIELDS OF APPLICATION

- All cement types
- Ready-mix concrete
- Civil Engineering
- Self consolidating concrete
- High Performance Concrete - Very High Performance Concrete
- Slump flow between 50 and 210 mm

INDICATIVE INFORMATION

Product Nature	liquid
Color	Orange-brown
Lifetime	12 months

SPECIFICATIONS

Halogen Dry Extract	30,00 % ± 1,50
Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 2,00 %
Specific gravity (20°C) in kg/dm ³	1,080 ± 0,020
pH (20°C)	6,50 ± 1,50
Dry extract (EN 480-8)	29,90 % ± 1,500

METHOD OF USE

- This product must be added to the mixing water.

When added directly into the truck mixer, it is necessary to mix at high speed, for 1 minute per m³ of concrete (with a minimum mixing of 6 minutes). The optimum dosage of CHRYSO®Fluid Optima 352 EMx can only be established after test trials, taking into account local conditions affecting the workability of the mix and the mechanical properties required for the concrete. CHRYSO®Fluid Optima 352 EMx can be used in combination with other CHRYSO® admixtures.

Dosage :

0.3 to 2.5 kg for 100 kg of cement.

PRECAUTIONS

- Protect from frost.
- 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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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.
- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex