

CHRYSO® Optima 248

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®Fluid Optima 248 is a new generation superplasticizer, based on modified polycarboxylate particularly recommended for ready mix concrete. CHRYSO®Fluid Optima 248 intends to create a high water reduction and/or an increased period of workability retention.

It allows to produce concrete with a long workability retention. CHRYSO®Fluid Optima 248 may therefore be used for a large range of concretes. CHRYSO®Fluid Optima 248 is particularly suited to obtain homogeneous SCC formulations. CHRYSO®Fluid Optima 248 is compatible with most cements.

FIELDS OF APPLICATION

- All cement types
- Self consolidating concrete
- Slump flow superior to 100 mm
- High Performance Concrete - Very High Performance Concrete
- Ready-mix concrete

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	12 months

SPECIFICATIONS

Halogen Dry Extract	30,40 % ± 1,50
Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 1,00 %
Specific gravity	1,060 ± 0,020
pH	4,50 ± 1,00
Dry extract (EN 480-8)	30,90 % ± 1,500

NORMATIVE AND REGULATORY INFORMATION

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

METHOD OF USE

- 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:

0.3 to 3.0 kg for 100 kg of cement.

PRECAUTIONS

- Protect from frost.
- The product should be stirred during storage, continuously or cyclically.

SAFETY

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