CE

CHRYSO®Optima 277

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®Optima 277 is a new generation superplasticizer, based on modified polycarboxylate, particularly recommended for ready mix concrete and civil engineering construction. **CHRYSO®Optima 277** intends to create a high water reduction and/or an increased period of workability retention. It allows to manufacture concrete with a long workability retention without prejudicial set retarding effect.

CHRYSO®Optima 277 may be used in a large concrete range. It is particularly adapted to homogeneous SCC formulations with a high filling capacity. **CHRYSO®Optima 277** is compatible with most cements.

FIELDS OF APPLICATION

- Ready-mix concrete
- Job sites

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	12 months
Cl− Ions content	≤ 0.100
Specific gravity	1.090 ± 0.020
pH	5.00 ± 1.00
Dry Extract (SYNAD - IFSTTAR)	32.80 ± 1.60

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, the strength performances and the industrial process.
- Dependant on application this product can be used in conjunction with some other CHRYSO® admixtures.

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.

SAFETY

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

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