

## CHRYSO® Optima 218

High range water reducing Super plasticizing admixture

### DESCRIPTION

CHRYSO® Optima 218 is a new generation superplasticizer, based on a modified polycarboxylate, particularly recommended for ready mix concrete. CHRYSO® Optima 218 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 218 may be used in a large concrete range. It is particularly adapted to homogeneous SCC formulations with a high filling capacity. CHRYSO® Optima 218 is compatible with all cements.

### FIELDS OF APPLICATION

- Ready-mix concrete
- High Performance Concrete - Very High Performance Concrete
- Self consolidating concrete

### INDICATIVE INFORMATION

Product Nature	liquid
Color	Translucent
Lifetime	12 months
Cl <sup>-</sup> ions content	≤ 0,100 %
Equivalent Content NA <sub>2</sub> O	≤ 2,00 %
Specific gravity	1,044 ± 0,020
pH	4,70 ± 1,00
Dry Extract (SYNAD - IFSTTAR)	19,10 % ± 1,00

### NORMATIVE AND REGULATORY INFORMATION

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

### METHOD OF USE

- 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 must be added to the mixer with the mixing water.
- It can be added directly into the truck mixer, followed by a rapid mixing of 5 minutes.
- This product is compatible with any CHRYSO® admixture.

#### Dosage:

0.3 to 3.0 kg for 100 kg of cement.

### PRECAUTIONS

- Protect from frost.
- Avoid prolonged exposure to high temperatures.
- The product should be stirred during storage, continuously or cyclically.

### SAFETY

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