

## CHRYSO® Optima 321

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

<b>Color</b>	Yellow
<b>Specific gravity</b>	1,043 ± 0,020
<b>pH</b>	2,50 ± 1,00

### SPECIFICATIONS

<b>Cl<sup>-</sup> ions content</b>	≤ 0,100 %
<b>Dry extract (EN 480-8)</b>	22,50 % ± 1,000

Test

### 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.