

CHRYSO® Optima 218

High range water reducing Super plasticizing admixture



CHRYSO
CONCRETE
SOLUTIONS

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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

Product Nature	liquid
Color	Translucent
Lifetime	12 months
Cl⁻ ions content	≤ 0,100 %
Equivalent Content NA₂O	≤ 2,00 %
Specific gravity	1,044 ± 0,020
pH	4,70 ± 1,00
Dry Extract (SYNAD - IFSTTAR)	19,10 % ± 1,00

PRECAUTIONS

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

METHOD OF USE

Dosage:

0.3 to 3.0 kg for 100 kg of cement.

Recommendations :

- 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.

NORMATIVE AND REGULATORY INFORMATION

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

SECURITY

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



The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. www.chryso.se
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