

## CHRYSO® Optima 206

High range water reducing Super plasticizing admixture

### DESCRIPTION

CHRYSO® Optima 206 is a new generation superplasticiser, based on modified polycarboxylate, particularly recommended for ready-mix concrete and civil engineering construction. It is particularly adapted to homogeneous flowing concrete applications.

CHRYSO® Optima 206 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. Thus, CHRYSO® Optima 206 may be used in a large concrete pours.

### BENEFITS

- Improved compaction.
- Increased concrete strengths.
- Improved consistence retention.
- Cement optimisation without strength loss.
- Wide range of applications.
- Versatile dosage range.

### FIELDS OF APPLICATION

#### Types of Application

- Self consolidating concrete
- Ready-mix concrete
- Civil Engineering
- High Performance Concrete
- Ultra-High Performance Concrete

#### Compatibility with Cements

- All types of cement
- Pulverised fuel ash
- Ground granulated blastfurnace slag

We recommend contacting our Technical Department for use with special cements.

### INDICATIVE INFORMATION

Product Nature	liquid
Color	Yellow to green
Lifetime	9 months
Specific gravity	1,050 ± 0,020

### METHOD OF USE

#### Dosage :

0.3 to 3.0 kg for 100 kg of cement.

- A 0.8% dosage of the product of the weight of cement is commonly used.
- The optimum dosage of this product can only be established after trial tests, taking into account the local conditions.
- This product is completely miscible in water.
- Mixing should keep going until a homogenous concrete is obtained.

### PRECAUTIONS

- Protect from frost.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

### NORMATIVE AND REGULATORY INFORMATION

- This product conforms to UKCA and CE Marking. The appropriate declaration can be found on our internet site.
- This product conforms to BS EN934-2 Table 2 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

### SAFETY

CHRYSO® Optima 206 is a product classified as "harmless". It is recommended to wear normal protective equipment. For further information, please refer to the safety data sheet on our internet site [www.uk.chryso.com](http://www.uk.chryso.com).

## TECHNICAL DATA SHEET

UK  
PA



Chryso  
Concrete  
Solutions

20/11/2024

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### PACKAGING

- 215 L Barrel
- Container of 1000L
- Bulk delivery on request

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.uk](http://www.chryso.uk)  
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