

# CHRYSO®Premia 500

## High range water reducing Super plasticizing admixture



**CHRYSO®Premia 500** is a new generation superplasticizer – high range water reducer, based on patented innovative polymers.

**CHRYSO®Premia 500** is particularly recommended for concrete requiring high early and longterm compressive strengths.

When used in low water/cement ratio or high fines content concrete such as Self Compacting Concrete (SCC), **CHRYSO®Premia 500** allows for outstanding placeability and finish properties.

**CHRYSO®Premia 500** allows for superior early strengths, finish and durability of concrete.

### Indicative characteristics

- Nature: liquid
- Colour: Yellow
- Shelf life: 12 months

### Specifications

- Specific gravity:  $1,070 \pm 0,020$
- pH:  $3,50 \pm 1,00$
- Solid content (halogen):  $25,50\% \pm 1,30\%$
- Solid content (EN 480-8):  $25,50\% \pm 1,30\%$
- Na<sub>2</sub>O equivalent:  $\leq 3,50\%$
- Cl<sup>-</sup> ions content:  $\leq 0,10\%$

### Norms and regulations

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.

### Domains of application

- All cement types
- Self consolidating concrete
- High early and ultimate strength
- High Performance Concrete
- Prestressed concrete

### Precautions

Protect from frost.  
Avoid prolonged exposure to high temperatures.  
Store in plastic containers, PVC excluded.  
Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

### Method of use

**Dosage:** between 0.3 and 3.0 kg per 100 kg of cement.

A 0.8% dosage of the product to the weight of cement is commonly used.

It is preferable to add **CHRYSO®Fluid Premia 500** to the water before mixing the concrete. However, it can be added afterwards.

### Safety

This product is classified as "harmless". In case of exposure, it is recommended to wear your protective equipment.

Before use, refer to the safety data sheet on our internet site [www.chryso.com](http://www.chryso.com)



The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users.

Please enquire for the most recent version of the technical datasheet, available on [www.chryso.com](http://www.chryso.com)

CHRYSO S.A.S. - 19 Place de la Résistance - 92446 Issy les Moulineaux cedex - France - Tel : +33 (0)1 41 17 18 19 - Fax : +33 (0)1 41 17 18 80

Page : 1 / 1



03/05/2013