

# CHRYSO®Premia 196

## High range water reducing Super plasticizing admixture



**CHRYSO®Premia 196** is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.

**CHRYSO®Premia 196** is particularly recommended for concrete requiring high short and long-term compressive strengths.

**CHRYSO®Premia 196** enables very low W/C ratios to be achieved in concrete.

**CHRYSO®Premia 196** is particularly recommended for self-levelling concrete.

Thanks to its short term performances,

**CHRYSO®Premia 196** allows either to reduce time before demoulding or to save energy by decreasing steam-curing temperature or time.

### Indicative characteristics

- Nature: liquid
- Colour: Opalescent green-grey
- Shelf life: 12 months

### Specifications

- Specific gravity (20 °C):  $1,055 \pm 0,010$
- pH:  $7,50 \pm 2,00$
- Solid content (halogen):  $25,00\% \pm 1,20\%$
- Solid content (EN 480-8):  $25,30\% \pm 1,20\%$
- Na<sub>2</sub>O equivalent:  $\leq 1,50\%$
- 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.
- This product conforms to NBN-EN 934-2 Belgium.

### Domains of application

- All cement types
- Self consolidating concrete
- Slump flow between 50 and 210 mm
- High performance Concrete - Very High Performance Concrete - Ultra High Performance Concrete
- Prestressed concrete
- Precast

### 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.

### 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.

This product must be added to the mixing water or later on, on concrete.

### 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)

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