

CHRYSO® Fluid Premia 196

High range water reducing Super plasticizing admixture



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

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

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

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

Thanks to its short term performances,

CHRYSO® Fluid 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): $25,30\% \pm 1,20\%$
- Na₂O equivalent: $\leq 1,50\%$
- Cl⁻ 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.

- The product's BENOR certification indicates that, on the basis of an external periodic inspection, there is a sufficient level of confidence -
- that the licensee is in a position to ensure continuous product conformity as laid down in technical specifications of the product.
- This BENOR data sheet contains the characteristics performances declared by the manufacturer and is checked by the certification organization.

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.



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Safety

Before use, refer to the Material Safety Data Sheet.

The MSDS is available on www.chryso.com



The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted 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, other than those 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 data sheet, available on www.chryso.com.

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