

CHRYSO®Premia 320

High range water reducing Super plasticizing admixture



CHRYSO®Premia 320 is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.

CHRYSO®Premia 320 is particularly recommended for concrete requiring high short and long-term compressive strengths.

CHRYSO®Premia 320 gives fresh concrete dynamic properties that improve formwork filling.

CHRYSO®Premia 320 is particularly adapted for the formulation of self-compacting concrete destined to the realisation of reinforced concrete.

Indicative characteristics

- Nature: liquid
- Colour: Brown-yellow
- Shelf life: 12 months

Specifications

- Specific gravity (20°C): $1,100 \pm 0,010$
- pH: $4,00 \pm 1,00$
- Solid content (halogen): $29,30\% \pm 1,40\%$
- Solid content (EN 480-8): $30,00\% \pm 1,50\%$
- Na₂O equivalent: $\leq 3,50\%$
- 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.

Domains of application

- All cement types

- Self consolidating concrete
- Slump flow between 50 and 210 mm
- Ease of casting
- High early strength
- Reinforced concrete
- Prestressed concrete

Precautions

Protect from frost.

Use at a temperature above 0° C.

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 1.0% 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



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

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