

CHRYSO® Fuge B4

Water resisting admixture



CHRYSO® Fuge B4 renders mortar and concrete highly resistant to capillary action and reduces, or even eliminates, infiltration of water under pressure.

The fine particles contained in **CHRYSO® Fuge B4** combine with the lime in cement to form water repelling particles. These obstruct the capillary action within concrete and prevent water from penetrating.

CHRYSO® Fuge B4 does not significantly modify the characteristics of fresh concrete and mortar, nor the compressive strength.

Indicative characteristics

- Nature: liquid
- Colour: Opalescent blue
- Freezing point: -1 °C
- Shelf life: 18 months

Specifications

- Specific gravity (20°C): $1,010 \pm 0,010$
- pH: $8,50 \pm 1,00$
- Solid content: $6,80\% \pm 0,70\%$
- Na₂O equivalent: $\leq 0,10\%$
- 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

- Concrete in contact with water
- Basins
- Tanks
- Waterproof coating

Precautions

Homogenise before use.

Protect from frost.

In case of prolonged storage (bulk or barrel), before use, rehomogenise product by light agitation or mixing via a recirculating pump. 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 4.5 kg for 100 kg of cement.

A dosage of 1.5% by weight of cement is commonly used.

This product is completely miscible in water.

This product must be added to the mixing water before adding to the mixer.

The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required mechanical performances of the concrete.

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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