



## CHRYSO® Fuge B

### Pore blocking Water Proofer



#### Description

**CHRYSO® Fuge B** 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 B** combine with the lime in cement to form water repellent particles. These obstruct the capillary action within concrete and prevent water from penetrating.

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

#### Characteristics

- Nature: liquid
- Colour: iridescent blue
- Density (20° C):  $1,010 \pm 0,010$
- pH:  $8,5 \pm 1,0$
- Freezing point: about - 1° C
- Cl<sup>-</sup> ions content:  $\leq 0,10\%$
- Na<sub>2</sub>O equivalent:  $\leq 0,1\%$
- Dry extract (24h, 105° C):  $6,0\% \pm 0,6\%$
- Dry extract (EN 480-8):  $6,4\% \pm 0,6\%$

#### Packaging

- Bulk
- Drums of 60 L
- Barrels of 215 L

#### Conformity

**CHRYSO® Fuge B** is a water repelling admixture which conforms to EC marking. The appropriate declaration can be found on our internet site.

#### Application

##### Domains of application

- All types of cements
- Concrete for foundations under the water table
- Concrete for reservoirs, tanks....
- Sealing grout for tanks
- Concrete and mortar in regular contact with water

##### Method of use

Dosage: 0,3 to 3,5 kg per 100 kg of cement. A 1.5% dosage of the product of the weight of cement is commonly used.

**CHRYSO® Fuge B** is completely miscible in water. It must be added to the mixing water. Water content must be determined according to the workability required.

#### Precautions

- When stored over a long period (bulk or barrels), before use, agitate lightly or circulate the product using a pump to make it completely homogeneous.
- Should the product freeze, it will recover its properties after thawing and agitating.
- Shelf life: 18 months.



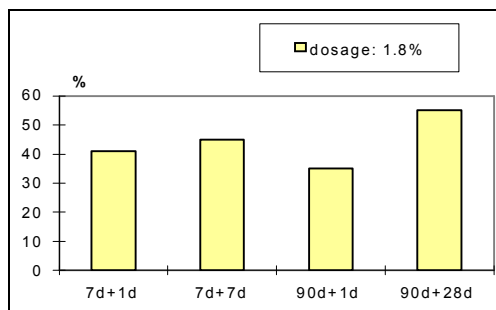
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#### Tests

Capillary absorption test for B-based mortar, expressed in days immersed in water + days exposed to air. Conform to the EN 480-5 specification.



#### References

- Channel Tunnel
- Refining stations

#### Safety

CHRYSO® Fuge B is a product classified as "harmless". It is recommended to wear the normal protective equipment.

For further information, please refer to the safety data sheet on our internet site [www.chryso.com](http://www.chryso.com).

*The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.*

"Please enquire for the latest update"

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