



CHRYSO® Aqua Beton L10

Underwater Concreting Admixture

Description

CHRYSO® Aqua Beton L10 unique formulation increases the viscosity of cement paste with limited impact on concrete slump/slump flow.

As a result, concrete using **CHRYSO® Aqua Beton L10** are significantly less sensitive to water or fine content inconsistency and more cohesive.

Rheological properties are significantly more consistent.

Bleeding, segregation and honeycombing are prevented.

Finish ability is improved.

CHRYSO® Aqua Beton L10 is recommended for all high flowability concrete mixes such as SCC where superior robustness to bleeding & segregation while maintaining excellent place ability is desired.

CHRYSO® Aqua Beton L10 does not contain any chloride. Its exclusive formulation is user-friendly.

Characteristics

- Nature: liquid
- Colour: light yellow
- Density (20 °C): 1.0 ± 0.02
- pH: 9.5 ± 1.0
- Cl- ions content: $\leq 0.10\%$
- Na₂O equivalent $\leq 1.0\%$

Packaging

- Bulk
- Barrels of 215 L
- Containers of 1000 L

Applications

Domains of application

- All types of cement
- Precast (with or without steam curing)
- Prestressed concrete
- Readymix concrete
- Segregation and bleeding prevention
- Use of manufactured sand

Method of use

Dosage: 0.2 to 0.6 kg per 100 kg of cement.
A 0.4% of cement weight dosage rate is usual.

CHRYSO® Aqua Beton L10 is completely miscible in water and should be preferably added to the mixing water or directly in the mixer along with tail water.

Water content must be determined according to the workability & compressive strengths required.

The optimum dosage of **CHRYSO® Aqua Beton L10** can only be established after trial tests, taking into account local conditions affecting the workability of the mix, the temperature of concrete and the compressive strength required.

Precautions

- Shelf life 12 months
- Protect from freezing
- Avoid brutal temperature changes



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Safety

CHRYSO® Aqua Beton L10 is a product classified as “harmless”. It is recommended to wear the normal protective equipment.

Before use, please refer to the safety data sheet on our internet site www.uk.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, under any circumstances 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.

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