

CHRYSO® Alpha 117

Dry Cast Process performance enhancer



Description

CHRYSO®Alpha 117 has been specifically designed for low to zero slump concrete (dry cast). Its unique formulation increases the robustness of concrete in regard of moisture content while allowing for superior compaction.

CHRYSO®Alpha 117 allows for water content optimization without fresh concrete deformation leading to better strengths: Industrial trials have evidenced up to 15% strengths gain at 2 and 5 days.

Associated with optimized moisture content **CHRYSO®Alpha 117** allows for reduced cycle time, superior finish, strengths and overall performances consistency.

CHRYSO®Alpha 117 enables cementitious content optimization.

Indicative characteristics

- Nature: liquid
- Colour: light yellow
- Density (20° C): 1.0 ±0.02
- pH: 9.5 ±1.5
- Cl⁻ ions content: ≤0.10%
- Na₂O equivalent: ≤1.0%

Domains of application

- All types of cement
- Blocks production
- Paving blocks production
- Zero slump concrete

Precautions

- Protect from frost.
- Protect from freezing
- Avoid brutal temperature change

Method of use

Dosage: between 0.2 and 0.8 kg for 100 kg of cement. For other dosages, please consult us.

CHRYSO®Alpha 117 is completely miscible in water and should be preferably added to the mixing water or directly in the mixer along with the tail water. Water content must be determined according to the workability & compressive strengths required.

The optimum dosage of **CHRYSO®Alpha 117** 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 strengths required for concrete.

Shelf Life: If stored in unopened containers at normal ambient temperatures, a shelf-life of approximately 12 months.

Packaging

- 215 Ltr Barrel & bulk 10 KL tanker

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 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. Consult the latest update of the technical data sheet on our website www.chryso.com

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