



# CHRYSO® Plast Alpha 12

**Plasticizer – Water reducer  
Especially for Dry concrete in precast**



## Description

**CHRYSO® Plast Alpha 12** is a chlorinated plasticizer – air entraining and set-accelerating agent, which has been specifically designed for dry moulded concrete in precast.

**CHRYSO® Plast Alpha 12** improves filling of the formworks, reduces vibration and mould wear. Some tests have been realised on 25 cm high concrete blocks and show significant reduction of time cycle.

Moreover, **CHRYSO® Plast Alpha 12** allows the optimisation of the quantity of cement used, thanks to a better deflocculation of the cement grains, and improves mechanical strength as well.

## Characteristics

- Nature: liquid
- Colour: light yellow to orangey
- Density (20° C):  $1.30 \pm 0.01$
- pH:  $7.0 \pm 1.0$
- Freezing point: about -15° C
- Cl<sup>-</sup> ions content:  $\leq 19\%$
- Na<sub>2</sub>O equivalent:  $\leq 1\%$

## Packaging

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

## Conformity

**CHRYSO® Plast Alpha 12** is a plasticizer – water reducer which conforms to CE marking. The appropriate declaration can be found on our internet site.

## Application

### Domains of application

- All types of cement
- Blocks production
- Paving blocks production

### Method of use

Dosage: between 0.3 and 0.7 kg for 100 kg of cement. For other dosages, please consult us.

**CHRYSO® Plast Alpha 12** must be added to the mixing water or directly in the mixer before draining. When the mixer is equipped with a hygrometer, different settings should be made.

**CHRYSO® Plast Alpha 12** must be used in accordance with the DTU 21-4 instructions, which regulate the conditions of use of chlorinated admixtures.

## Precautions

- Do not use **CHRYSO® Plast Alpha 12** in coloured concrete without consulting us first.
- It is prohibited to use **CHRYSO® Plast Alpha 12** with pre-stressed concrete and heating floors.
- Should the product freeze, it will recover its properties after thawing and agitating.
- Shelf life: 18 months.



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### Safety

CHRYSO<sup>®</sup> Plast Alpha 12 is a product classified as “irritating”. Any contact with the eyes and skin can cause irritation. Whilst handling, it is compulsory to wear the normal protective equipment (safety glasses, gloves and mask).

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\*

Last update: 11/07