

# CHRYSO® Plast GR 120

Set retarding/Water reducing/Plasticizing admixture

## Description

CHRYSO®Plast GR 120 is a liquid admixture that retards the initial setting time of the concrete and in combination with a superplasticizer maintains its workability for a long time.

CHRYSO®Plast GR 120 also improves the pumpability of the concrete.

The retardation depends on the dosage of the additive, the climate conditions and the type of cement.

## Fields of Application

- Ready mix concrete.
- Concreting at high temperature.
- Transport of concrete over long distances.

## Method of use

Dosage: 0.2 – 0.4 kg /100 kg of cement.

The performance of CHRYSO® Plast GR 120 must be determined by trial tests, taking into account the desired rheological and mechanical characteristics of each project. CHRYSO® Plast GR 120 must always be added at the mixing water.

CHRYSO® Plast GR 120 can be used with air-entraining admixtures conformed to EN 934-2 for the production of concretes resistant to freeze-thaw cycles. When air-entraining admixture is used, the two admixtures should be inserted separately.

## Technical Properties

- Aspect: Liquid
- Color: Dark Brown
- Density (20<sup>0</sup> C): 1.15±0.03 gr/cm<sup>3</sup>
- pH: 6-8
- Cl<sup>-</sup> ≤0.35%
- Na<sub>2</sub>O equivalent: ≤5%

## Packaging

- Bulk
- In IBC tunks : 1150 kg (1000lt)
- Drums 200 kg

## Norms & Regulations

CHRYSO®Plast GR 120 is a set retarder, plasticizer complying with the requirements of the European CE marking (EN 934-2, T10).

To obtain the corresponding Declaration of Performance, please contact the sales department.

 16 0654 DoP No: 412 CHR
NORDIA SA. 364 Kifissias Avenue, 15233 Athens, Greece EN 934-2:2009+A1:2012 CHRYSO PLAST GR 120 Set retarding/water reducing/plasticizing admixture EN 934-2: T10  Chloride ion content: ≤0.15% Alkali content : ≤ 5% Corrosion behaviour: Contains only components according to EN 934-1:2008,Annex A.1 Dangerous substances :see SDS

## Safety

CHRYSO®Plast GR 120 is a “harmless” product. It is recommended to use the conventional Personal Protective Equipment. For more information, ask the commercial department for the Material Safety Data Sheet.

## Precautions

- Avoid storage of the product at high temperatures for a long time.
- Protect the product from frost. Use at temperatures above 0<sup>0</sup>C.
- In case of frost, the product retains its properties after thawing and stirring until it is completely homogenized.
- Shelf life 12 months in its sealed package.