

CHRYSO® Plast GR 80

Set Retarding/High Range Water Reducing/super plasticizing admixtures

Description

CHRYSO®Plast GR 80 is a liquid admixture based on lignosulfonate, which allows the dispersion of cement grains.

CHRYSO® Plast GR 80 maintains the workability of concrete for a long time, reduces the initial hydration of the cement, hence the initial setting time.

The workability retention depends on temperature, type of cement, mode of transport and dosage of additive.

Fields of application

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

Method of use

Dosage : 0.3 - 0.9 kg / 100 kg of cement.

CHRYSO® Plast GR 80 can be added to the mixing water or in the truck mixer. If it is added to the truck mixer, it is necessary to mix the concrete at high speed (the mixing time is 1 minute per m³, but in any case the minimum total time should not be less than 6 min).

The performance of CHRYSO® Plast GR 80 must be determined by trial tests, taking into account the desired rheological and mechanical characteristics of each project.

Technical properties

- Aspect: Liquid
- Color: Dark brown
- Density (20^oC): 1.19±0.03 gr/cm³


Packaging

- Bulk
- In IBC tanks: 1100kg

Norms & Regulations

CHRYSO®Plast GR 80 is a set retarder, high range water reducer, super plasticizer, complying with the requirements of the European CE marking (EN934-2 T11.1-11.2). To obtain the corresponding Declaration of Performance, please contact the sales department.

It is compatible with all types of EN 934-2 air entraining admixtures for the production of concretes resistant to freeze-thaw cycles. When using air entraining admixtures, the two admixtures should be inserted separately.

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NORDIA SA 364 Kiffisias Avenue, 15233 Athens, Greece EN 934-2:2009+A1:2012 CHRYSO PLAST GR 80 Set retarding/High Range Water Reducing/super plasticizing admixture EN 934-2: T11.1 /11.2 Chloride ion content : ≤ 0.1% Alkali content : ≤ 7% Corrosion behaviour : Contains only components according to EN 934-1:2008, Annex A.1. Dangerous substances : see SDS

Safety

CHRYSO® Plast GR 80 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° 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 original sealed package