

CHRYSO® Plast GR 80

Set Retarding/High Range Water Reducing/super plasticizing admixture



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.

CHARACTERISTICS

- Nature: Liquid
- Colour: Dark brown
- Specific gravity (20°C): 1.19 ± 0.03 gr/cm³

PACKAGING

- Bulk
- In IBC tanks : 1100 kg


PRECAUTIONS

- Avoid prolonged exposure to high temperatures
- Protect from frost. Should the product freeze, it will recover its initial consistency. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.
- Shelf life: 12 months

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 Kifissias 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.

The information in this technical brochure is given according to the best of our knowledge and the results of extensive testing. However, it can in no case be considered as a guarantee that implies our liability in case of misuse or other use of our products, different from that indicated in the section "Field of Application". Before applying the product, application tests must be carried out to ensure that the methods of use and the application conditions of the product are satisfactory. Our technical assistance is available to users. Please see the latest version of the technical data sheet, available at www.marmoline.gr



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