

CHRYSO® Plast GR 200

Set retarding/Water reducing/Plasticizing admixture

DESCRIPTION

CHRYSO® Plast GR 200 is a concrete admixture based on organic salts. Its composition allows the dispersion of cement particles, facilitating their flow and achieving greater fluidity.

CHRYSO® Plast GR 200 retards the initial hydration of cement, resulting in a retarded setting time and extended workability of the concrete.

The water reduction leads to an increase in mechanical strength (5-10% depending on the dosage of CHRYSO® Plast GR 200).

FIELDS OF APPLICATION

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

CHRYSO® Plast GR 200 is compatible with all air-entraining agents that comply with EN 934 for the production of concrete resistant to freeze-thaw cycles. When using air-entraining agents, the two additives should be added separately.

METHOD OF USE

Dosage: 0.2 – 0.6 kg /100 kg of cement.

The typical dosage is 0.25-0.55% and depends on the requirements of the project as well as the seasonal conditions (winter, summer).

CHRYSO® Plast GR 200 should be added to the mixer along with the mixing water.

CHARACTERISTICS

- Nature: Liquid
- Colour: Dark brown
- Specific gravity (20°C): $1.11 \pm 0.03 \text{ gr/cm}^3$
- pH: 5,5 – 7,5
- Cl⁻: ≤0.1%
- Na₂O equivalent: ≤5%

PACKAGING

- Bulk
- In IBC tanks : 1100 kg (1000lt)

NORMS & REGULATIONS

CHRYSO®Plast GR 200 is a set retarder, water reducer and plasticizer complying with the requirements of the European CE marking (EN 934-2, T10).

To obtain the corresponding Declaration of Performance, contact the company's sales department.

<p>CE</p> <p>20 0654 DoP No: 403 CHR</p>
<p>NORDIA SA. 364 Kifissias Avenue, 15233 Athens, Greece</p> <p>EN 934-2:2009+A1:2012</p> <p>CHRYSO PLAST GR 200 Set retarding/water reducing/plasticizing admixture EN 934-2: T10</p> <p>Chloride ion content: ≤ 0,1% Alkali content : ≤ 5% Corrosion behaviour: Contains only components according to EN 934-1:2008,Annex A.1 Dangerous substances :see SDS</p>

SAFETY

CHRYSO®Plast GR 200 is a "harmless" product. The use of conventional Personal Protective Equipment is recommended. For more information, ask for the product's Safety Data Sheet.

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