# **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: LiquidColour: Dark brown

Specific gravity (20°C): 1.11 ± 0.03 gr/cm<sup>3</sup>

pH: 5,5 – 7,5
Cl⁻: ≤0.1%

Na<sub>2</sub>O 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.



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EN 934-2:2009+A1:2012

CHRYSO PLAST GR 200

Set retarding/water reducing/plasticizing admixture EN 934-2: T10

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

## **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



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