

CHRYSO Plast 210

Set retarding water reducing/ plasticizing admixture

DESCRIPTION

CHRYSO®Plast SL 210 is a concrete admixture which has been specifically formulated to promote dispersion of particles in concrete, resulting in a major improvement in the workability.

CHRYSO®Plast SL 210 optimizes the dosage of cement required to obtain a given concrete compressive strength. For an equivalent plasticity and after reducing the quantity of mixing water:

- The concrete is denser.
- There is a reduced capillary action depending on the dosage, there is an increase in compressive strength after 24 hours.

BENEFITS

- Enhances the workability retention of concrete in hot climates.
- Water reduction ability.
- The dispersion properties of CHRYSO®Plast SL 210 allow the user to optimise the cement content when a specified mechanical strength is required.
- CHRYSO®Plast SL 210 has water repellent properties and can therefore be used to reduce the permeability of the concrete.

SPECIFICATIONS

Product Nature	liquid
Color	Brown
Lifetime	12 months
Cl⁻ ions content	≤ 0,010 %
Specific gravity	1,180 ± 0,020
pH	6,50 ± 2,00

nil to EN 934 and BS 5075

PACKAGING

- 200 L drum
- IBC 1000L

METHOD OF USE

- A 0.4% dosage of the product of the weight of cement is commonly used.

CHRYSO®Plast SL 210 can be added to the water before mixing the concrete. However, it can be added to the concrete after mixing.

Dosage rates of CHRYSO®Plast SL 210 are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.

Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.

Dosage :

0.2 to 0.8 kg for 100 kg of cement.

Consumption :

CHRYSO®Plast SL 210 is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, calcium chloride, fibers and approved air entraining admixtures.

CHRYSO®Plast SL 210 is recommended for all concrete mixes where water content, improved cementitious material performance, high workability retention and very high strengths characteristics are desirable.

1. All types of cement
2. Ready-mix concrete with stable workability
3. Concrete of humid or plastic consistency
4. Pumped concrete
5. Pre-stressed concrete
6. Heavy prefabricated elements
7. Hot Weather concrete

PRECAUTIONS

- Do not mix with other products without advice from manufacturers.
- In case of prolonged storage, this product may slightly settle. Before use, rehomogenise product.

TECHNICAL DATA SHEET

CHRYSO Plast 210

Set retarding water reducing/ plasticizing admixture

Chryso
Concrete
Solutions

21/02/2025

SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.