

CHRYSO®Premia 542 RT

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®Premia 542RT belongs to the new generation of stabilized polycarboxylates. The admixture CHRYSO®Premia 542RT is designed for the production of concrete with a high capacity for spreading and filling the forms - and is a product developed in the FILL-FREE® technology. CHRYSO®Premia 542RT is characterized by a reduced viscosity and a long duration of maintaining a constant consistency.

An important characteristic of CHRYSO®Premia 542RT in concrete mix is a high tolerance to changes in the amount of added water. Concrete admixture CHRYSO®Premia 542RT contributes to a rapid increase in early strength, even with CEM II and CEM III and/or the use of alternative binders.

FIELDS OF APPLICATION

- Precast
- High Performance Concrete - Very High Performance Concrete
- Prestressed concrete
- Self consolidating concrete

INDICATIVE INFORMATION

Product Nature	liquid
Color	Light brown
Lifetime	12 månader
Halogen Dry Extract	25,50 % ± 1,30
Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 1,00 %
Specific gravity	1,045 ± 0,020
pH	4,00 ± 1,00

METHOD OF USE

- Industrial trials are required to determine the optimum dosage.
- This product must be added to the mixing water.

Dosage:

Dosering: 0,3 to 3,0 kg per 100 kg cement.

A dosage of 0,6% of the cement weight is commonly used.

PRECAUTIONS

- Protect from frost.
- Protect from heat.
- The product should be stirred during storage, continuously or cyclically.

SAFETY

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