

CHRYSO®Premia 390

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®Premia 390 is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate. CHRYSO®Premia 390 is formulated for crushed aggregates and allows rapid placement in form and provides early strength. CHRYSO®Premia 390 is particularly recommended for concrete requiring high short and long-term compressive strengths.

Thanks to its properties CHRYSO® Premia 390 enables shorter times in moulds or possibility to save energy by decreasing temperature or time of steam curing. CHRYSO®Premia 390 enables very low W/C ratios to be produced in concrete, or to SCC- concrete.

FIELDS OF APPLICATION

- All cement types
- Prestressed concrete
- Steam-cured or non steam-cured concrete
- Self consolidating concrete
- High performance Concrete - Very High Performance Concrete - Ultra High Performance Concrete
- Precast

INDICATIVE INFORMATION

Product Nature	Liquid
Lifetime	12 month

SPECIFICATIONS

Cl ⁻ ions content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 2,00 %
Specific gravity	1,048 ± 0,020
pH	4,20 ± 1,00
Dry Extract (SYNAD - IFSTTAR)	24,60 % ± 1,30

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

METHOD OF USE

- A 0.8% dosage of the product of the weight of cement is commonly used.
- This product must be added to the mixing water.
- The optimum dosage of this product can only be established after trial tests, taking into account the local conditions.

PRECAUTIONS

- Protect from frost.
- Avoid prolonged exposure to high temperatures.
- The product should be stirred during storage, continuously or cyclically.

SAFETY

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