

CHRYSO® Fluid Premia 180

High range water reducing superplasticiser

DESCRIPTION

- CHRYSO® Fluid Premia 180 is a new generation superplasticiser – high range water reducer, based on modified polycarboxylate.
- CHRYSO® Fluid Premia 180 is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability.
- CHRYSO® Fluid Premia 180 enables the production of concrete with very low W/C ratios. CHRYSO® Fluid Premia 180 enables the production of selflevelling concrete.

PHYSICAL and CHEMICAL PROPERTIES

Water solubility	miscible
Product Nature	Liquid
Color	Light brown
Lifetime	12 months
Halogen Dry Extract	20,00 % ± 2,00
Cl⁻ Ions content	≤ 0,100 %
Equivalent Content Na₂O	≤ 1,50 %
Dry extract (EN 480-8)	20,00 % ± 2,000
Specific Gravity	1.04 ± 2
pH	6.5 ± 1
Viscosity	10 - 20 secs (Ford #4 Cup)

PACKAGING

- 1000 ℓ flow bin
- 200 ℓ drum
- 25L Container

METHOD OF USE

- All types of cement
- Heavy prefabrication
- High performance concrete, very high performance concrete
- Pre-stressed concrete
- Ready-mix concrete
- Concrete of plastic or fluid consistency
- Self-levelling concrete.

Dosage :

- Between 0.3 and 3 litre per 100kg of cementitious.
- CHRYSO® Fluid Premia 180 can be added to the water before mixing the concrete. However, it can be added to the concrete after mixing.
- When used as a superplasticiser in a mixing truck, it is necessary to mix at high speed for 1 min per cubic metre of concrete (with a minimum of 6 min).

PRECAUTIONS

- Store away from frost. Use CHRYSO® Fluid Premia 180 at a temperature superior to 0°C.
- Should the product freeze, its properties can be recovered after thawing and agitating thoroughly.
- Do not store the product at high temperatures for long periods.
- This product must be stored in plastic containers, but not in PVC.

SAFETY

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