

### DESCRIPTION

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*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 self-levelling concrete.*

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#### Characteristics

- Nature: Liquid
- Colour: milky light brown
- SG:  $1.05 \pm 0.01$
- pH:  $8 \pm 1$
- Cl<sup>-</sup> ion content:  $\leq 0.1\%$
- Na<sub>2</sub>O equiv.:  $\leq 1.5\%$
- Dry extract: 20.5 - 22.5

#### Packaging

- Bulk
- Containers: 1000 litres  
200 litres  
25 litres

### DIRECTIONS FOR USE

#### Applications

- 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 3.00 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
- Shelf life: 9 months.

### SAFETY

CHRYSO® Fluid Premia 180 is not considered dangerous to handle.

Refer to Material Safety Data Sheet available from CHRYSO.