

CHRYSO® Fluid Optima 213

Super Plasticiser - High Range Water Reducer

DESCRIPTION

Description CHRYSO® Fluid Optima 213 is a new generation plasticiser – high range water reducer superplasticiser based on modified polycarboxylate. CHRYSO® Fluid Optima 213 is particularly formulated to maintain high workability with cement for which this specificity is difficult to obtain. CHRYSO® Fluid Optima 213 is especially recommended for use in readymixed concrete. CHRYSO® Fluid Optima 213 is suitable for use in self compacting concrete.

Characteristics

- Nature : liquid
- Colour : milky cream
- Density : 1.04 ± 0.01
- pH : 7 ± 2
- Cl-ion content : $\leq 0.1 \%$
- Na₂O equiv. : $< 1.0 \%$
- Dry extract : 21.5 ± 1

Packaging

- Bulk
- Cubitainer
- Plastic barrels: 215 litres
- Drums: 60 litres

DIRECTIONS FOR USE

Applications

- Readymixed concrete
- High performance and very high performance concrete
- Plastic or fluid concrete
- Self compacting concrete

Directions for use

Dosage: 0.30kg and 3kg per 100kg of cement. CHRYSO® Fluid Optima 213 may be added in the mixing water or later directly on concrete. When used as a "plasticiser", it is necessary to mix at high speed for 1 minute per m³ of concrete (with a minimum length of 6 minutes).

Precautions

- Store away from frost.
- Should the product freeze, its properties can be recovered after thawing and agitating thoroughly.
- This product must be stored in plastic, but not in PVC.

Shelf life

- 9 months.

CHRYSO® Fluid Optima 213

Super Plasticiser - High Range Water Reducer

SAFETY

CHRYSO® Fluid Optima 213 is not considered dangerous to handle.

Refer to Material Safety Data Sheet available from CHRYSO.

The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, under any circumstances be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.