

*CHRYSO®Fluid Optima T4 is a new generation polymer based on modified propionates. It's specially designed molecular structure gives it exceptional properties as a concrete additive.*

*Use of CHRYSO®Fluid Optima T4 results in plastic conditions being maintained for an extended time at all levels of consistency, with respect to standard additives.*

*CHRYSO®Fluid Optima T4 is compatible with the majority of types of cement. In most cases it is the solution when there is a problem of compatibility between the cement and the additive.*

*CHRYSO®Fluid Optima T4 does not increase the length of time between the beginning and end of setting. Therefore concrete retarded with CHRYSO®Fluid Optima T4 will harden normally as soon as setting starts and high early and ultimate strengths can be obtained.*

*The particularity means that with the use of CHRYSO®Fluid Optima T4 concrete can be obtained that remains workable for a long time and that has a high early and ultimate strength.*

### Characteristics

- Nature: Liquid Light Brown
- SG: 1,05
- pH: 6.5
- Cl- ions content: < Nil
- Na<sub>2</sub>O equivalent: <7%
- Freezing Point approx.: -3°C

### Packaging

- Bulk
- Containers: 1000 litres
- 200 litres
- 25 litres

## DIRECTIONS FOR USE

### Uses

- All types of cement (except aluminous)
- Concrete needing prolonged workability
- High performance and very high performance concrete
- Pouring concrete at high temperatures
- Transport of Concrete over long distances
- Construction joints.
- CHRYSO®Fluid Optima T4 is completely miscible in water and must be added to the mixing water in one dose, before adding to the mixer, do not split the addition through the mixing cycle.
- Depending on the use, it is possible to use CHRYSO®Fluid Optima T4 at the same time as other CHRYSO® Additives.

**Dosage:** Typical dosage range: 0.3 to 2 litre / 100kg of cementitious. Dosages less than the minimum has no notable effect on the concrete.

The optimum dosage of CHRYSO®Fluid Optima T4 can only be established after trial tests, taking into account local conditions affecting the workability of the mix and the mechanical properties required from the concrete.

### Precautions

- After freezing and thawing the properties can be recovered by agitation.

## SAFETY

CHRYSO®Fluid Optima T4 is not considered dangerous to handle. STD PPE to be used.  
Refer to Material Safety Data Sheet available from CHRYSO.