

# CHRYSO®Omega 84S

High Range Water Reducing Admix

## DESCRIPTION

**CHRYSO®Omega 84S** is a new generation water reducing admixture based on patented CHRYSO® polymer technology. Thanks to its specifically designed molecular structure, **CHRYSO®Omega 84S** enables the concrete manufacturer to produce cohesive, low viscous concrete with long workability retention.

**CHRYSO®Omega 84S** has been developed to maintain fresh concrete workability without compromising the setting time.

## BENEFITS

- **CHRYSO®Omega 84S** allows concrete with an important workability to be obtained, while reducing the water/cement ratio.
- Enhances the workability retention of concrete particularly in hot climates.
- The dispersion properties of **CHRYSO®Omega 84S** allow the user to optimise the cement content when a specified mechanical strength is required.

## FIELDS OF APPLICATION

- Ready-mix concrete
- All cement types
- Reinforced concrete
- High strength performance
- Workability retention

## CHARACTERISTICS

<b>Product Nature</b>	Liquid
<b>Color</b>	Light brown
<b>Lifetime</b>	24 months
<b>Specific gravity</b>	1,060 ± 0,020
<b>pH</b>	6,00 ± 2,00

## PACKAGING

- 1000 L IBC
- 200 L drum
- 20 L bucket

## METHOD OF USE

- This product must be added to the mixing water or at the end of the mixing cycle.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required mechanical performances of the concrete.
- A 1.0% dosage of the product to the weight of cementitious is commonly used.

### Dosage :

- 0.5 kg to 2.0 kg for 100 kg of cementitious materials.

## PRECAUTIONS

- Protect from frost.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

## NORMATIVE AND REGULATORY INFORMATION

- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.
- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to ASTM C 494 Type A, F and G, and BSEN 934 2

## SAFETY

- **CHRYSO®Omega 84S** is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.