

CHRYSO®Omega 82S

High Range Water Reducing Admix

DESCRIPTION

CHRYSO®Omega 82S is a new generation water reducing admixture based on patented CHRYSO® polymer technology. Thanks to its specifically designed molecular structure, **CHRYSO®Omega 82S** enables the concrete manufacturer to produce cohesive, low viscous concrete with long workability retention.

CHRYSO®Omega 82S has been developed to maintain fresh concrete workability without compromising the setting time.

BENEFITS

- **CHRYSO®Omega 82S** 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 82S** 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

Product Nature	liquid
Color	Light brown
Lifetime	24 months
Specific gravity	1,050 ± 0,020
pH	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 82S** is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.

TECHNICAL DATA SHEET



**Chryso
Concrete
Solutions**

10/09/2025

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The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. www.chryso.ph

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