

CHRYSO®Omega 90S

High Range Water Reducing Admix

DESCRIPTION

CHRYSO®Omega 90S is a new generation water reducing admixture based on patented **CHRYSO®** polymer technology.

Thanks to its specifically designed molecular structure, **CHRYSO®Omega 90S** enables the concrete manufacturer to produce cohesive, low viscous concrete with long workability retention.

CHRYSO®Omega 90S has been developed to maintain fresh concrete workability without compromising the setting time.

BENEFITS

- **CHRYSO®Omega 90S** 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 90S** allow the user to optimise the cement content when a specified mechanical strength is required.

FIELDS OF APPLICATION

- Ready-mix concrete
- All cement types
- High strength performance
- Hot weather concreting
- White or plain concretes
- Plastic or fluid concretes
- Compatible with Micro silica, GGBS and Fly Ash.

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.
- Because local job conditions vary, please contact your local **CHRYSO** sales representative for further assistance if using outside recommended dosage ranges.

Dosage :

Between 0.6 and 2.0 liters per 100 kg of total cementitious material. A 1.0 % dosage of the product to the weight of cementitious is commonly used. 0.6 to 2.5 kg for 100 kg of cement.

PRECAUTIONS

- Protect from frost.
- Use at a temperature above 0° C.
- Should the product freeze, some crystals may appear, which will disappear after agitating or when the temperature is positive again.
- Store in plastic containers, PVC excluded.

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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CHARACTERISTICS

Product Nature	liquid
Color	Light brown
Lifetime	12 months
Specific gravity	1,080 ± 0,020
pH	7,00 ± 2,00

PACKAGING

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

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.
- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex

Conforms to ASTM C 494 Type A, F and G and BS EN 934-2

SITE REFERENCES

Ski lift in Chanrousse, France. Waste-water treatment plant of Le Havre, France: vibrated or self-compacting concrete for the moulded walls, compressive slabs, walls, ...

SAFETY

CHRYSO®Omega 90S is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.