TECHNICAL DATA SHEET

Chryso Concrete Solutions

04/11/2026

CHRYSO®Omega 78S

Mid-Range Water Reducing Admixture

DESCRIPTION

CHRYSO®Omega 78S is a new generation water reducing admixture based on patented CHRYSO® polymer technology.
Thanks to its specifically designed molecular structure, **CHRYSO®Omega 78S** enables the concrete manufacturer toproduce cohesive, low viscous concrete with long workability retention.

CHRYSO®Omega 78S has been developed to maintain fresh concrete workability without compromising the setting time.

BENEFITS

- **CHRYSO®Omega 78S** 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 78S** allow the user to optimise the cement content when a specified mechanical strength is required.

FIELDS OF APPLICATION

- Ready-mix concrete
- High Performance Concrete
- All cement types
- Extended workability retention

CHARACTERISTICS

SPECIFICATIONS

Product Nature	Liquid
Color	Light brown
Lifetime	12 months
Specific gravity	1,050 ± 0,020
pH	6,00 ± 2,00

METHOD OF USE

CHRYSO®Omega 78S can be added to the water before mixing the concrete. However, it can be added to the concrete after mixing.

Dosage rates of **CHRYSO®Omega 78S** are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.

Dosage :

- Between 0.6 and 1.5 liters per 100 kg of total cementitious material. A 1.0 % dosage of the product to the weight of cementitious is commonly used.

PRECAUTIONS

- Use at a temperature above 0° C.
- Store in plastic containers, PVC excluded.

SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.

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 con ducted 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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