



CHRYSO®Premia 92S

New Generation, high range water reducing/
superplasticizing admixture

DESCRIPTION

CHRYSO®Premia 92S is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.

CHRYSO®Premia 92S is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability retention depending on cement chemistry.

BENEFITS

- Dramatically increases early compressive and flexural strengths without detriment to ultimate strengths
- Enhances the workability retention of concrete particularly in hot climates.
- The dispersion properties of CHRYSO®Premia 92S allow the user to optimise the cement content when a specified mechanical strength is required.
- As the particles are highly dispersed, the hydration of the binder is enhanced, resulting in a substantial water reduction and an increase in both early age and ultimate compressive strength of over 30%.

FIELDS OF APPLICATION

- All cement types
- High Performance Concrete
- Reinforced concrete
- Precast
- High early strength
- Compatible with Micro silica, GGBS and Fly Ash.
- Heavy prefabrication

CHARACTERISTICS

Product Nature	liquid
Color	Light brown
Lifetime	24 months
Specific gravity	1,030 ± 0,020
pH	8,00 ± 2,00

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to ASTM C494 Type A, E and F, and BS EN 934-2

METHOD OF USE

- This product must be added to the mixing water or at the end of the mixing cycle.
- Should the product be added to fresh concrete, into the mixing truck, it is necessary to mix at high speed, and then at low speed (with a minimum of 3 minutes, at each speed).
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological properties, the strength performances and factors acting on workability.
- A 1.0% dosage of the product of the weight of cement is commonly used.

Dosage :

0.5 to 2 litres for 100 kg of cement.

PRECAUTIONS

- Protect from frost.
- Avoid prolonged exposure to high temperatures.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.
- Store in plastic containers, PVC excluded.

SAFETY

CHRYSO®Premia 92S is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.

TECHNICAL DATA SHEET



Chryso
Concrete
Solutions

10/10/2024

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PACKAGING

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

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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