

CHRYSO®Premia 60S

High range water reducing Super plasticizing admixture



CHRYSO
CONCRETE
SOLUTIONS

18/03/2024

DESCRIPTION

CHRYSO®Premia 60S is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.

CHRYSO®Premia 60S is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability up to 2.0H slump 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 60S 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
- Steam-cured concrete
- Prestressed concrete
- Precast
- 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 later on, on concrete.
- A 1.0% dosage of the product of the weight of cement is commonly used.
- **CHRYSO®Premia 60S** is completely miscible in water. It can be added to part or all of the mixing water depending on the required plasticity. The correct quantity of **CHRYSO®Premia 60S** should be measured using a recommended dispenser.
- To make high workability concrete, best results are obtained when **CHRYSO®Premia 60S** is added directly into the mixer.
- Because local job conditions vary, please contact your local **CHRYSO** sales representative for further assistance if using outside recommended dosage ranges.

Dosage :

0.5 to 2 litres 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.

SAFETY

CHRYSO®Premia 60S is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.

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

CHRYSO PHILIPPINES INC. 17 Main Ave. Severina Industrial Estate, ACSIE Comp. Km 16, West Service Rd. 1700 Paranaque City. Tél.:(+632) 823-1568 Fax:(+632) 823-6492

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CHARACTERISTICS

Product Nature	liquid
Color	Light brown
Lifetime	12 months
Specific gravity	1,020 ± 0,015
pH	6,50 ± 2,00

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

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

PACKAGING

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

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