

CHRYSO Premia SL 61

High Range Water Reducing Admixture

DESCRIPTION

CHRYSO®Premia SL 61 is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate. CHRYSO®Premia SL 61 is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability.

CHRYSO®Premia SL 61 enables the production of concrete with very low W/C ratios.

CHRYSO® Premia SL 61 has a specific formulation for dry concrete in immediate demolding It is particularly adapted for the realization of blocks and flooring blocks.

BENEFITS

- Dramatically increases early compressive and flexural strengths without detriment to ultimate strengths
- The dispersion properties of CHRYSO®Premia SL 61 allow the user to optimise the cement content when a specified mechanical strength is required.
- Thanks to its short term performances, CHRYSO®Premia SL 61 allow whether to reduce the time before demolding or to save energy by decreasing temperature Or time of steam curing.

SPECIFICATIONS

Product Nature	liquid
Color	Clear-Yellow
Lifetime	12 months
Cl⁻ ions content	≤ 0,010 %
Specific gravity	1,070 ± 0,020
pH	5,00 ± 2,00

Does not contain any purposely added calcium chloride or other chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

PACKAGING

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

METHOD OF USE

- A 0.8% dosage of the product of the weight of cement is commonly used.

CHRYSO®Premia SL 61 can be added to the water before mixing the concrete. However, it can be added to the concrete after mixing.

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

Dosage :

0.05 to 3.0 kg for 100 kg of cement.

Dosage rates of CHRYSO®Premia SL 61 are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.

Consumption :

CHRYSO®Premia SL 61 is recommended for all concrete mixes where water content, improved cementitious material performance (more psi/lb) accelerated set times, reduced curing costs and very high early strengths characteristics are desirable. CHRYSO®Premia SL 61 is especially adapted for any concrete application requiring increased early compressive or flexural strengths without detriment to ultimate strengths.

1. All types of cement
2. Heavy prefabrication
3. High performance concrete, ultra high performance concrete
4. Pre-stressed concrete
5. Pre-Cast concrete
6. Concrete of humid, plastic or fluid consistency
7. Self-levelling concrete
8. High strength concrete with workability retention

PRECAUTIONS

- Do not mix with other products without advice from manufacturers.
- Store in plastic containers, PVC excluded.

SAFETY

TECHNICAL DATA SHEET

CHRYSO Premia SL 61

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Chryso
Concrete
Solutions

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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 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.lk
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