

CHRYSO Premia SL 353

High Range Water Reducing Admixture

DESCRIPTION

CHRYSO®Premia 353 is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate. CHRYSO®Premia 353 is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability. CHRYSO®Premia 353 enables the production of concrete with very low W/C ratios.

CHRYSO®Premia 353 has a specific formulation for dry concrete in immediate demoulding. 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 353 allow the user to optimise the cement content when a specified mechanical strength is required.
- Thanks to its short term performances, CHRYSO®Premia 353 allow whether to reduce the time before demolding or to save energy by decreasing temperature Or time of steam curing.
- CHRYSO®Premia 353 is ideal solution to improve consistency of the manufacturing process of blocks and associated products, also helping to reduce cycle times. These advantages save time without reduction of quality in the production of these elements

SPECIFICATIONS

Product Nature	liquid
Color	Clear-Yellow
Lifetime	12 months
Cl⁻ Ions content	≤ 0,010 %
Specific gravity	1,040 ± 0,020
pH	3,50 ± 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 353 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 353 are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.

Consumption :

CHRYSO®Premia 353 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 353 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. Pavers
8. Prefabrication of all elements in immediate demoulding

PRECAUTIONS

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

SAFETY

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16/05/2025

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