



CHRYSO®Premia 123Emx

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®Premia 123 EMx is enhanced by EnviroMix® technology which combines CHRYSO latest proprietary polymers along with most advanced developments in terms of hydration rate enhancement.

CHRYSO®Premia 123 EMx is especially recommended for concrete requiring high early age and long-term strengths, for Pre-Cast application which include High volume fly ash, slag and limestone filler.

CHRYSO®Premia 123 EMx enables the production of concrete with very low W/C ratios.

CHRYSO®Premia 123 EMx enables the production of self-leveling concrete.

BENEFITS

- CHRYSO®Premia 123 EMx provides a cost-effective means to produce user-friendly high-volume of secondary cementitious materials (SCM) offering normal setting characteristics, controlled heat of hydration, improved workability & finish ability, enhanced strength development and superior hardened concrete properties.
- Dramatically increases early compressive and flexural strengths without detriment to ultimate strengths.
- Thanks to its short-term performances, CHRYSO®Premia 123 EMx allow either to reduce the time before demolding or to save energy by decreasing temperature or time of steam curing.
- Improves the efficiency of cement in concrete, effectively reducing the quantity of cement required to achieve specified concrete properties. Better cement efficiency means **less CO2. Pollution.**

FIELDS OF APPLICATION

- All cement types
- Prestressed concrete
- Self consolidating concrete
- High Performance Concrete - Very High Performance Concrete
- Precast
- High volume Fly Ash Concrete (HVFAC)
- High volume Slag Concrete (HVSC)

CHARACTERISTICS

Product Nature	Liquid
Color	Light brown

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.

Dosage rates of CHRYSO®Premia 123 EMx are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.

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 3 kg for 100 kg of cement.

PRECAUTIONS

- Protect from frost.
- Use at a temperature above 0° C.
- 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.

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, E and F, and BS EN 934-2

SAFETY

CHRYSO®Premia 123 EMx 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. Block 8 Lot 9 Southwoods Industrial Park Carmona Cavite Tel.:+63 46 481 0490 to 91

TECHNICAL DATA SHEET



Chryso
Concrete
Solutions

28/04/2026

CHRYSO® Premia 123Emx

High range water reducing Super plasticizing admixture

Lifetime	12 months
Specific gravity	1,060 ± 0,020
pH	8,00 ± 2,00

PACKAGING

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

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