

CHRYSO®Premia 124Emx

New Generation Superplasticizer

DESCRIPTION

CHRYSO®Premia 124EMx is enhanced by EnviroMix® technology which combines CHRYSO latest proprietary polymers along with most advanced developments in terms of hydration rate enhancement.

CHRYSO®Premia 124EMx 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 124EMx enables the production of concrete with very low W/C ratios.

CHRYSO®Premia 124EMx enables the production of self-leveling concrete.

BENEFITS

- **CHRYSO®Premia 124EMx** 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 124EMx** 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 Slag Concrete (HVSC)
- High volume Fly Ash Concrete (HVFAC)

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 124EMx** 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.
- 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.

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



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CHARACTERISTICS

Product Nature	liquid
Color	Light brown
Lifetime	12 months
Specific gravity	1,050 ± 0,020
pH	6,50 ± 2,00

PACKAGING

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

SAFETY

CHRYSO®Premia 124EMx 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