

EnviroMix® 2101

Concrete Strength Enhancer

DESCRIPTION

EnviroMix® 2101 is based on the latest Chryso innovation integrating specific polymers and strength enhancers, for an optimum reduction of the carbon footprint in concrete, while ensuring a high level of performance.

Through the unique combination of water reduction and strength enhancement, EnviroMix® 2101 allows for increased proportions of Supplementary Cementitious Materials (SCM) without compromising early strength. EnviroMix® 2101 has no added chloride, and complies with AS 1478.1-2000, Type SAC.

BENEFITS

- Enables higher SCM activation
- Reduces the embodied carbon of concrete
- Provides higher strengths at all ages without adversely affecting concrete workability
- Replaces cement without sacrificing strength, particularly at early ages

APPLICATION

- Precast concrete with increased levels of SCM replacement
- Post-tensioned concrete with increased levels of SCM replacement
- Ready mix concrete

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Straw coloured
Lifetime	12 months
Specific gravity (kg)	1,430 ± 0,030
pH	9,00 ± 1,00

PACKAGING

- Bulk
- IBC 1000L
- 205 L Drum
- Pail

SAFETY

Prior to any use, please read carefully the Safety Data Sheet (SDS).

METHOD OF USE

Dosage :

The typical dosage rate for EnviroMix® 2101 is dependent on application, precast, post-tension, low carbon mixes, SCM replacement level, and early strength requirements. Typical dose rates are 300 to 1000 ml / 100 kg TC.

EnviroMix® 2101 can be added with the initial water or, for optimum performance, on the wetted concrete. It should not be added with or on dry cement. Dosage rates may vary when used in conjunction with other Chryso admixtures. Trial mixes should be conducted to determine the optimum dosage rate. Local job conditions vary, please contact your local Chryso sales representative for further assistance if using the product.

Equipment :

Please contact your local Chryso representative for further information regarding the dispensing equipment for this product.

COMPATIBILITY

- Air-entrainers such as Chryso®Air
- Water reducers such as Chryso®WRDA
- Mid-range water reducers such as Chryso®Mira
- High range water reducers such as Chryso®Adva
- Accelerators such as Chryso®Polarset and Chryso®Daraset
- Rheology modifiers such as Chryso®Concera

PRECAUTIONS

Protect from freezing. Once frozen, the product should be thawed out slowly and remixed prior to use.