

EnviroMix® SE 70

Concrete Strength Enhancer
Early & late strengths

DESCRIPTION

EnviroMix®SE 70 is a strength enhancing admixture to improve the cementitious efficiency and to enable high level of supplementary cementitious material (SCM) utilization in concrete mixtures. EnviroMix®SE 70 improves the mechanical strength of the concrete and helps designing concrete mixtures with reduced carbon footprints.

The enhanced cement hydration results in increased compressive and flexural strengths at all ages, without impacting other performance of the concrete.

Meets or exceeds the requirements of ASTM C-494 Type S (pending)

ADVANTAGES

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

FIELDS OF APPLICATION

- All Cement Types
- High SCM Replacement
- Carbon Reduction in Concrete
- Ready Mix Concrete
- Precast Concrete

METHOD OF USE

Dosage

- The recommended dosage rate for EnviroMix®SE 70 is 3 to 6 fl. oz/cwt (195 to 390 ml/100 kg) of cementitious material for a Type S, but will typically be used at 5 fl. oz/cwt (325 ml/kg).
- EnviroMix®SE 70 should be added early in the batch sequence for optimum performance.
- Dosage rates may vary when used in conjunction with other CHRYSO admixtures. Trial mixes should be conducted to determine the dosage rate needed.
- Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using the product outside the recommended dosage ranges.

The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted in order to remain as objective as possible. However, it cannot, in any case, be considered as a warranty involving our liability in case of misuse or any different use of our products, other than those from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. www.chryso.com

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CHARACTERISTICS

Product Nature	Liquid
Color	Colourless to light yellow
Cl⁻ Ions content	≤ 0,100 %
Specific gravity (25°C) in g/ml	1,210
pH (25°C)	11,00

This product 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 :

- 55 gallon drum (210 L)
- 264 gallon tote (1000 L)
- Bulk

PRECAUTIONS

- EnviroMix®SE 70 should be stored at or above 32°F (0°C). If frozen, thaw and agitate thoroughly to return to its normal state before use. For tanks and containers placed outside in cold conditions a heating system or a re-mixing device is recommended. It is also advisable to insulate exposed pipelines.
- Do not use pressurized air for agitation.
- EnviroMix®SE 70 is compatible with most CHRYSO admixtures if they are added separately to the concrete mix. In general, it is recommended that the product be added to the concrete mix early in the batch sequence for optimum performance.

SAFETY

Prior to any use, please read carefully the Safety data Sheet.

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