TECHNICAL DATA SHEET

Chryso Concrete Solutions

10/07/2026

EnviroMix® SE 30

Concrete Strength Enhancer

DESCRIPTION

EnviroMix®SE 30 is a strength enhancing admixture designed to improve cementitious efficiency enabling higher levels of supplementary cementitious material (SCM) utilization in concrete mixtures. It 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 A & S

ADVANTAGES

- Enables higher cement and 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

FIELDS OF APPLICATION

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

Method of Use

Dosage

- EnviroMix®SE 30 addition rates can vary with the type of application. The addition rate can range between 3 fl. oz/cwt and 12 fl. oz/cwt (195 mL/100 kg and 782 mL/100 kg) of cementitious material. Typical dosage rates are:
  - Type S: 3 to 6 fl. oz/cwt (195 to 390 mL/100 kg)
  - Type A: 8 to 12 fl. oz/cwt (522 to 782 mL/100 kg)
- Optimal addition rates will depend on other concrete mixture components, job conditions, and desired performance characteristics.
- Dosage rates may vary when used in conjunction with other EnviroMix® admixtures.
- Should conditions require using more than the recommended addition rates, please consult your CHRYSO® representative.

Additional Usage Recommendations

- Ideal for enhancing the mechanical strength of concrete mixtures, allowing for higher levels of supplementary cementitious material (SCM) utilization, and reducing the carbon footprint of concrete projects.
- Suitable for applications requiring improved compressive and flexural strengths at all ages, without compromising other performance characteristics of the concrete.
- Perfect for designing sustainable concrete mixtures that achieve optimal cement hydration and performance, while maintaining environmental and durability standards.

Implementation

- In general, it is recommended that EnviroMix®SE 30 be added early in the batching sequence for optimum performance.
- Different sequencing may be used if local testing shows better performance.
- Pretesting of the concrete mix should be performed before use and as conditions and materials change in order to assure compatibility with other admixtures, and to optimize dosage rates, addition times in the batch sequencing, and concrete performance.

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 "Applcation" 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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chryso SAINT-GOBAIN

EnviroMix® SE 30

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Equipment

- A complete line of accurate, automatic dispensing equipment is available.

Complimentary Products

- EnviroMix®SE 30 is compatible with most CHRYSO® admixtures as long as they are added separately to the concrete mix.

Performances

- Enhances cement hydration, leading to increased compressive and flexural strengths at all ages.
- Improves the mechanical strength of concrete, enabling higher levels of supplementary cementitious material (SCM) utilization.
- Produces concrete mixtures with reduced carbon footprints without impacting other performance characteristics.

CHARACTERISTICS

Product Nature	Liquid
Color	Amber-Brown
Shelf life	12 months
Cl^- Ions content	< 0,100 %
Specific gravity (25°C)	1,110
pH (25°C)	10,50

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.

PRECAUTIONS

- In storage, and for proper dispensing, product should not experience prolonged exposure below 32°F (0°C)
- Product will begin to freeze at approximately 32°F (0°C), but will return to full strength after thawing and thorough agitation.
- Do not use pressurized air for agitation.

SAFETY

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

PACKAGING

- 210 L (55 Gallons) Drum
- 1000L Tote (275 gallons)
- Bulk

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