

Chryso® Optec EC-250 (formerly OPTEC EC 250)

Efflorescence treatment product

DESCRIPTION

Chryso® Optec EC-250 admixture is designed to enhance the quality and appearance of concrete pavers, segmental retaining wall units and other low slump concrete products. Chryso® Optec EC-250 admixture controls secondary efflorescence thus enhancing color. It also provides excellent mix plasticity and machinability which helps reduce overall production cycle times.

Chryso® Optec EC-250 admixture is used to reduce secondary efflorescence, provide good machinability and improve unit densities. It can be used for concrete pavers, architectural concrete masonry units or segmental retaining wall units where increased mix plasticity and efflorescence control are desired.

ADVANTAGES

- Minimizes secondary efflorescence
- Increased throughput
- Increases densities
- Lowers absorption
- Improves surface texture

Method of Use

Dosage

Chryso® Optec EC-250 admixture is typically used at a rate of 6 -12 oz/ cwt (390 -780 mL/100 kg) of cementitious materials, including pozzolans. The addition rate is dependent upon the specific set of materials and the desired end properties.

Chryso® Optec EC-250 admixture should be added separately to the mix after the initial wetting of the cement and before or with the addition of the final mix water. Once it is batched, it should be mixed for a minimum of one minute, but preferably two minutes. Mix times of less than one minute should be avoided. Never add Chryso® Optec EC-250 admixture to dry cement.

Additional Usage Recommendations

Chryso® Optec EC-250 admixture improves the dispersion of the cement throughout the mix resulting in more complete cement hydration and thus providing higher early and ultimate unit strengths. Chryso® Optec EC-250 admixture may also allow for increased water in the mix which also promotes more complete cement hydration

CHARACTERISTICS

Product Nature	Liquid
Color	White
Apparent density	1,010
pH (25°C)	10,00

PRECAUTIONS

Chryso® Optec EC-250 admixture must be protected from freezing at temperatures of 32°F (0°C) and below, as the admixture is not usable once frozen.

SAFETY

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.

TECHNICAL DATA SHEET

Chryso® Optec EC-250 (formerly OPTEC EC 250)

Efflorescence treatment product

Chryso
Concrete
Solutions

03/03/2026

PACKAGING

- 1000L Tote (275 gallons)
- 210L Drum (55 gallons)
- 13L Pail (3.5 Gallons)

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

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