

OPTEC[®] EC-250

Efflorescence Control Admixture

Product Description

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. 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.

Product Advantages

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

Product Uses

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.

Product Function

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. OPTEC[®] EC-250 admixture may also allow for increased water in the mix which also promotes more complete cement hydration.

Application Information

Addition Rates: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.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 OPTEC[®] EC-250 admixture to dry cement.

Packaging

OPTEC[®] EC-250 admixture is available in 55 U.S. gallon (208 L) drums and 275 U.S. gallon (1,040 L) returnable totes.

Health & Safety

All precautions defined on the SDS (Safety Data Sheet) for OPTEC ® EC-250 must be followed.

Storage

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.

North America customer service: 1-877-4AD-MIX (1-877-423-6491)

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