

OPTEC[®] EC-935

Efflorescence control admixture

Product Description

OPTEC[®] EC-935 is a liquid admixture added to the concrete during the batching process. It controls efflorescence in pavers, segmental retaining wall units and other low slump concrete products. It also provides workability, increased strengths and a tight surface texture.

Product Advantages

- Reduced efflorescence
- Smoother, denser surface
- Set-time control
- Sharper corners and edges

Product Function

OPTEC[®] EC-935 is recommended for use in the production of pavers, segmental retaining wall units and other products where quality, increased strengths, enhanced production and the resulting surface texture are important.

OPTEC[®] EC-935 is designed to reduce the efflorescence potential in concrete masonry units. OPTEC[®] EC-935 works in zero or low slump concrete mixes which are characteristically dry, containing only sufficient water for the hydration of the cement. OPTEC[®] EC-935 compensates for the water deficiency in such mixes and improves the workability of the mix.

OPTEC[®] EC-935 is especially beneficial when the manufacturer is producing multi-color (variegated color) concrete masonry units. OPTEC[®] EC-935 provides set-time control allowing the producer to better manage the production process and avoid waste.

OPTEC[®] EC-935 allows for better compaction of the unit with less cracking, sharper corners and edges, resulting in fewer culls. Production can be increased, absorption reduced, and appearance and texture greatly improved.

Addition Rates

OPTEC[®] EC-935 is used at a rate of 4-10 oz/cwt (260-650 mL/100 kg) of cementitious material. OPTEC[®] EC-935 should be added separately to the mix after the initial wetting of the cementitious material or with the addition of the final mix water. Once OPTEC[®] EC-935 is batched, it should be mixed for a minimum of one minute, but preferably two minutes. Never add OPTEC[®] EC-935 to dry cement.

Dispensing Equipment

A complete line of admixture dispensing equipment is available.

Packaging

OPTEC® EC-935 is available in 55 U.S. gal (208 L) drums and 275 U.S. gal (1,040 L) returnable totes.

Health & Safety

All precautions defined on the SDS (Safety Data Sheet) for OPTEC ® EC-935 must be followed.

Storage

OPTEC® EC-935 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-MIX1 (1-877-423-6491)

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GCP Applied Technologies Inc., 62 Whittemore Avenue, Cambridge, MA 02140 USA.

In Canada, GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6.

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