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ConTec EC-166

Description

ConTec EC-166 is integral water repellent admixture used in low slump concrete units such as architectural block, paving stones, SRW units, or masonry mortar. ConTec EC-166 contains a unique blend of efflorescence control agents and polycarboxylate cement and pigments dispersion aids. ConTec EC-166 contains new and improved primary efflorescence control and enhances the color and appeal of all types of concrete products. When used in both mortar and masonry units. EC-166 reduces water infiltration through masonry walls.

Features/Benefits

- Increased hydrophobic properties and lowers absorption rates.
- Contains high levels of polycarbonate dispersant for strength.
- Impedes the formation of primary and secondary efflorescence.
- Increases product freeze-thaw durability with its unique densifying properties.
- Aids color development and can shorten production cycles.
- Reduces mechanical abrasion in equipment.

Packaging

ConTec EC-166 is available in bulk quantities or packaged in drums and totes.

Application

ConTec EC-166 can be used in all types of manufactured concrete in which the reduction of efflorescence and water permeability is desirable.

Handling/Storage

ConTec EC-166 should be stored at temperatures above 40°F (4.5°C). Care should be taken to prevent this product from freezing. Should EC-166 become frozen the resulting material will be unusable.

Addition Rates

We recommend the following range of dosage: 8 to 16 US fl. OZ. Per 100 lbs of cement for concrete paving stones and concrete roof tile. For SRW units and other architectural block higher dosage rates may be recommended. These dosage rates are estimated, your actual rate should be determined by testing. We recommend consulting your ICT representative to help you determine the proper dosage rate and order of addition for your particular process. Order of addition procedures can vary per facility. Never mix EC-166 with other admixtures before application.

Typical Properties

Specific Gravity at 77°F	1.02
Viscosity at 77°F, cps	<300
Weight per gallon	8.4
% Volatile matter (NVM(1))	~ 60

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