



# ConTec EC-166

EFFLUORESCENCE CONTROL AGENTS

## DESCRIPTION

**ConTec EC-166** is a 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 pigment 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.

## APPLICATION

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

## PACKAGING

**ConTec EC-166** is available in bulk quantities or packaged in 55 gallon (208 L) drums weighing 480 lbs (218 kg) and 265 gallon (1003 L) totes weighing 2400 lbs (1089 kg).

## TYPICAL PROPERTIES

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

## FEATURES / BENEFITS

- Increases hydrophobic properties and lowers absorption rates.
- Contains high levels of polycarboxylate dispersants 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

## 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 fluid ounces per hundred weight 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 the assistance of an ICT technical 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.

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