



## ConTec AC-501

### DESCRIPTION

**ConTec AC-501** is a ready to use liquid admixture formulated to provide faster set acceleration and increased early strength development in concrete. AC-501 is comprised of Calcium Chloride with additional chemical enhancements, to improve its effectiveness.

### APPLICATION

Use **ConTec AC-501** in all zero-slump applications including gray block, architectural block, segmental retaining wall, pavers, roof tile, and slabs. AC-501 improves cement hydration may change the demand for batch water. For maximum product improvement always add batch water at the maximum allowed rate with your process.

### PACKAGING

**ConTec AC-501** is available in 55 gallon (208 L) drums weighing 620 lbs (281 kg) and 275 gallon (1041 L) totes weighing 3150 lbs (1429 kg).

### TYPICAL PROPERTIES

Specific Gravity at 77F.....1.31 - 1.32  
 Viscosity at 77F, cps .....<50  
 Weight per gallon ..... 10.90  
 % Volatile matter (NVM(1)) .....N/A

### FEATURES / BENEFITS

- Increases product early and final strength.
- Offsets the effect of low temperature on setting time and early strength.
- Shortens setting time and increases rate of strength development.
- Designed for use in cold weather concreting.
- Cement hydration increases and helps raise and maintain temperature.

### HANDLING / STORAGE

**ConTec AC-501** can freeze at extremely low temperatures, but can be restored by thawing and thorough agitation. Always use cold water when diluting calcium chloride solution. Leather clothing and shoes will be damaged by calcium chloride.

### ADDITION RATES

The Dosage range for AC-501 is 7 to 18 US fl. Oz./100 lb. of cement. Please consult an ICT representative for further recommendations to determine the proper dosage rate and order of addition for your particular process. Order of addition procedures can vary per facility. Never mix AC-501 with other admixtures before application. Flush dispensing equipment before changing to or from any another admix.

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