



92 THOMAS RD PORT MURRAY, NJ 07865

ConTec AC-501

ACCELERATORS

Description

ConTec Ac-501 is a ready to use liquid admixture Formulated to provide set acceleration and increased early strength development in concrete. AC-501 is compromised of Calcium Chloride with additional chemical enhancements, to improve it effectiveness.

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 concrete-ing.
- Cement hydration increases and helps raise and maintain temperature.

Packaging

ConTec AC-501 is available in 55 gallon (208 L) drums weighing 620 lbs (281 kg) and 275 gallon (1041 L) totes weighing 3,135 lbs (1422 kg).

Typical Properties

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

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.

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 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. Never mix AC-501 with other admixtures before application. Flush dispensing equipment before changing to or from another admix.

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