



92 THOMAS RD PORT MURRAY, NJ 07865

ConTec SR-550

Description

ConTec SR-550 is a ready-to-use liquid used to retard setting times by controlling the hydration of cement in the manufacture of concrete products. SR-550 is compatible with a wide range of concrete admixtures, but should always be dispensed separately. SR-550 improves the properties of precast concrete when used in conjunction with air entrainment, such as AE-80 or AE-407.

Features/Benefits

- Retards setting times in cementitious products.
- Increases compressive strengths and reduces permeability.
- Affords a water reduction of 5% or better.
- Reduces segregation.
- Meets ASTM C 494/c and 494M standard for Type B retardation and Type- D water reducing admixtures.

Packaging

ConTec SR-550 is available in bulk quantities or packaged in 55 gallon (208 L) drums weighing 495 lbs (224 kg) and 265 gallon (1,003 L) totes weighing 2,385 lbs (1,082 kg),

Application

ConTec SR-550 may be used wherever the need to retard the initial and final set times of concrete is applicable. SR-550 meets ASTM C 494/c 494M standard for Type B retardation and Type D water reducing admixtures. SR-550 improves uniformity and predictability in high performance concrete.

Handling/Storage

ConTec SR-550 can be stored over a wide range of temperatures but should not be allowed to freeze. Should SR-550 freeze, allow complete thawing before mixing by mechanical means. SR-550 has a minimum shelf life of 12 months. With proper storage conditions the shelf life can be greatly extended.

Addition Rates

The addition rates of SR-550 will vary depending on the variations in job conditions and the concrete components being utilized. Typical dosage will range from 2 to 18 US fl oz per 100 lbs of cement. Never mix other admixtures with SR-550 before addition to mixer. Consult your ICT representative for assistance to determine the proper dosage for your application.

Typical Properties

Specific Gravity at 77°F	1.21 - 1.24
Viscosity at 77°F, cps	100 max
Weight per gallon	10.1 - 10.3
% Volatile matter (NVM(1))	~ 80
Appearance	Dark Amber Liquid

The information contained herein is based on data believed by Innovative Concrete Technology, LLC. to be accurate, but we do not assume any liability for the accuracy of this information. All materials may present an unknown health and safety hazard. We neither suggest nor guarantee that any hazards mentioned are the only ones that exist. Anyone intending to rely on any recommendation or to use any equipment, technique, or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use is the sole responsibility of the user.

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