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## ConTec SD-220

### Description

ConTec SD-220 features cutting-edge polycarboxylate technology. It's highly active formulation improves both cement and color pigment efficiency in all types of architectural and hardscape concrete units. SD-220 improves cement hydration and provides higher compressive strength in manufactured concrete products.

### Features/Benefits

- Improves cement particle dispersion and hydration.
- Aids pigment particle dispersion improving color development.
- Increases compressive and flexural strength.
- Paper use can potentially reduce cement and pigment usage.
- Improves the compaction process enhancing finished density.

### Packaging

ConTec SD-220 is available in bulk quantities or packaged in 55 gallon (208 L) drums weighing 500 lb. (227 kg) and 243 gallon (919 L) totes weighing 2,205 lb. (1,000 kg).

### Application

ConTec SD-220 can be used in all types of architectural and hardscape concrete units where better pigment particle dispersion and cement hydration is desired. Contact your ICT representative to help you design a mix that will use SD-220 to reduce manufacturing cost.

### Handling/Storage

ConTec SD-220 should be stored at temperatures above 35°F (2°C). Care should be taken to prevent this product from freezing. Should SD-220 freeze, warm till completely liquid then use mechanical agitation to reconstitute.

### Addition Rates

The recommended dosage rate for SD-220 is 0.18% by weight of cement. In dry-cast concrete products SD-220 will increase the demand for water by 5% to 10% above normal addition rates. SD-220 is not a water reducer and should not be utilized as such. 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 by facility.

### Typical Properties

Specific Gravity at 77°F	.....	~ 1.03
Viscosity at 77°F, cps	.....	350 - 800
Weight per gallon	.....	~ 8.6
% Volatile matter (NVM(1))	.....	~ 58

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