

ConTec SD-250HS

SUPER DISPERSANTS

DESCRIPTION

ConTec SD-250HS 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-250HS** improves cement hydration and provides higher compressive strength in manufactured concrete products. Your ICT technical representative can help you design a mix that will use **SD-250HS** to actually reduce manufacturing cost.

TECHNOLOGY

Cement particles stick together in clumps called agglomerations. This clumping prevents water from reaching all the cement. Use of **SD-250HS** admix breaks up agglomerations to increase the cement surface area available for hydration. The increased surface area holds more water without slumping your mix.

PACKAGING

ConTec SD-250HS is available in bulk quantities or packaged in 55 gallon (208 L) drums weighing 500 lbs (227 kg) and 243 gallon (919 L) totes weighing 2205 lbs (1000 kg).

TYPICAL PROPERTIES

Specific Gravity at 77F..... ~1.03
 Viscosity at 77F, cps 350—800
 Weight per gallon ~8.8
 % Volatile matter (NVM(1)) ~ 58

FEATURES / BENEFITS

- Improves cement particle dispersion and hydration.
- Aids pigment particle dispersion improving color development.
- Increases compressive and flexural strength.
- Proper use can potentially reduce cement and pigment usage.
- Improves the compaction process enhancing finished density.
- Helps create sharper, crisp angles improving overall appearance.
- Produces a low to moderate swipe.

HANDLING / STORAGE

ConTec SD-250HS should be stored at temperatures above 35°F (2°C). Care should be taken to prevent this product from freezing. Should **SD-250HS** freeze, warm till completely liquid then use mechanical agitation to reconstitute.

ADDITION RATES

The recommended dosage is 1 to 4 fluid ounces per hundred weight of cement. In dry-cast concrete products **SD-250HS** will increase the demand for water by 5% to 10% above normal addition rates. 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 **SD-250HS** with other admixtures before application.

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