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ConTec SP-311

Description

ConTec SP-311 is a ready to use liquid plasticizing and swipe producing admixture for use in low slump concrete masonry units. It's unique multi component chemistry creates a moderate to high swipe appearance and minimizes both feed and compaction times with its lubricating properties. SP-311 improves compaction and density producing higher compressive strength and less permeable surface.

Features/Benefits

- Produces a moderate to high swipe.
- Creates more defined edges improving overall appearance.
- Optimizes material flow which shortens overall machine cycle times.
- Increases compressive and flexural strength.
- Added components improve cement particle dispersion and hydration.
- Reduces mechanical abrasion in equipment.

Packaging

ConTec Sp-311 is available in bulk quantities or packaged in 55 gallon (208 L) drums weighing 490 lbs (222 kg) and 260 gallon (984 L) totes weighing 2,390 lbs (1,084 kg).

Application

ConTec SP-311 can be used in all manufactured concrete where moderate to high swipe is desired.

Handling/Storage

ConTec SP-311 should be stored at temperatures above 35°F (2°C) to prevent this product from freezing. Should SP-311 freeze, warm until completely liquid then use mechanical agitation to reconstitute.

Addition Rates

The recommended dosage rate for ConTec SP-311 is 2 to 5 US fluid ounces per 100 lbs of cement. As with most plasticizers, water content should be monitored to achieve desired appearance. SP-311 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 per facility. Never mix SP-311 with other admixtures before application.

Typical Properties

Specific Gravity at 77°F	1.01
Viscosity at 77°F, cps	50 - 100
Weight per gallon	8.4
% Volatile matter (NVM(1))	86 - 88

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