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## ConTec AE-80

### Description

ConTec AE-80 is a liquid air-entraining admixture used to provide a suitable air-void system in concrete products. AE-80 is based on a high grade saponified rosin chemically similar to vinsol based products. Concrete durability research has established that proper air entrainment can reduce the effect of freeze thaw cycles in hardened concrete.

### Features/Benefits

- Improves workability and plasticity.
- Helps reduce bleeding, segregation and shrinkage in concrete.
- Improves resistance to freeze thaw cycles.
- Improves water permeability.
- Greatly improves the properties of precast concrete when used in conjunction with SR-550.

### Packaging

ConTec AE-80 is available in bulk quantities or packaged in 55 gallon (208 L) drums weighing 485 lbs (220 kg) and 265 gallon (1003 L) totes weighing 2,380 lbs (1,079 kg).

### Application

ConTec AE-80 may be used wherever the need for air-entrainment is required by specification. AE-80 meets ASTM C 260 requirements designed for use in low slump precast products. AE-80 is effective and compatible with other admixtures in concrete. AE-80 can be useful in production of "Slump Block".

### Handling/Storage

ConTec AE-80 can be stored over a wide range of temperatures but should not be allowed to freeze. Should AE-80 freeze, allow complete thawing before mixing by mechanical means. AE-80 has a minimum shelf life of 12 months. With proper storage conditions the shelf life can be greatly extended.

### Addition Rates

The addition rates for AE-80 will vary depending on the amount of air needed for a given job condition. The components of mix design along with temperature are typical factors that effect the amount of AE-required. Consult you ICT representative for assistance.

### Typical Properties

Specific Gravity at 77°F .....	1.01 - 1.02
Viscosity at 77°F, cps .....	100 Max
Weight per gallon .....	8.0 - 8.5
% Volatile matter (NVM(1)) .....	~ 85
Appearance .....	Clear, Amber Liquid

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