

# SCP 1000

MINERAL ADDITIVE



## ABOUT THE PRODUCT

SCP 1000 is a ready-to-use liquid mineral additive based on colloidal silica technology and designed to enhance both fresh and hardened properties of Portland Cement Concrete mixtures.

## BENEFITS OF USE IN CONCRETE

- Reduced permeability
- Improved resistance to chemical attack
- Improved freeze-thaw resistance
- Reduced drying shrinkage
- Improved finishability and workability
- Reduced dusting potential

## CONCRETE APPLICATIONS

Recommended for the following:

- Reinforced Concrete
- Precast
- Post-Tensioned
- Pre-Stressed
- Shotcrete
- Architectural
- Lightweight
- Pervious
- Pumped
- Roller-Compacted
- Self-Consolidating
- Agricultural

## DIRECTIONS FOR USE

SCP 1000 is normally added to the mixing water at a rate of 4 to 24 fl oz/100 lbs (260 to 1565 mL/100 kg) of cementitious content. Pretesting is highly recommended to determine the optimum addition rate for the required performance.

Concrete mixes should be pretested before use for compatibility and to optimize dosage rates and concrete performance. For concrete that requires air entrainment, the use of an ASTM C260 air-entraining admixture is recommended to provide suitable air voids for freeze-thaw resistance.

- SCP 1000's unique chemistry requires addition of the additive to the mix water prior to addition of the other concrete constituents.
- SCP 1000 does not contain any chlorides.
- SCP 1000 may be used with chloride-free chemical admixtures as long as it is dispensed into the mix water and separately from the chemical admixtures.

## PACKAGING/STORAGE OF PRODUCT

SCP 1000 is packaged in 5-gallon pails, 20-liter pails, and totes. Bulk quantity is available in limited areas. Product shall ideally be stored in a location that is dry and between 35°F to 100°F (2°C to 38°C) ambient temperature. Optimal storage is at the middle of the temperature range. Protect from freezing. 5-year shelf life under proper storage conditions.

## GENERAL INFORMATION

For safe handling information on this product, see the Safety Data Sheet (SDS).

## WARRANTY

See SCP 1000 materials warranty.

For more information, please visit:

[www.concreteprotection.com](http://www.concreteprotection.com)

