

# DPI SRA

## Description

*DarCole Shrinkage Reducing Admixture* is a liquid concrete admixture that can be used in any type Portland cement to greatly reduce drying shrinkage. *DPI SRA* performs by blocking capillaries of pore water, which is the leading cause of drying shrinkage.

## Advantages

- Can eliminate cracking due to drying shrinkage
- Reduces potential of cracking while improving aesthetics
- Can be used in air entrained concrete
- Increases water tightness of the mix
- Improved durability of hardened concrete
- Reduced creep & curling of slabs
- Can reduce 28 day shrinkage by up to 80%
- Compressive strength may be reduced by up to 10% but may be offset by use of water reducing admixtures

## Application

The dosage rate of *DPI SRA* is based on 1.0% to 2.5% by weight of cementitious material. The exact dosage rate will vary depending on mix design, and other admixtures/materials used. For volumetric admix tank dilution ratios, please contact mixer manufacturer. Contact a DPI representative for further technical assistance and dosage rates.

## Compatibility

*DPI SRA* is compatible with all types of Portland cement, Class C & F fly ash, silicafume, fibers, and approved water reducing and air entraining admixtures. Contains no added chlorides or chemicals known to promote corrosion of steel. Must be dispersed separately, but is compatible with most admixtures.

## Specifications

Conforms to ASTM C494 Type S

## Packaging

Available in 5 gallon pails, 30/55 gallon drums, 275 gallon totes, and is delivered by tanker trucks for bulk purchasers.

## Limitations

*DPI SRA* is potentially combustible with a flash point of 207 Fahrenheit. This is substantially above the upper limit of 140 Fahrenheit for classification of flammable materials. No freeze concerns applicable. Shelf Life: *18 months*

## Disclaimer

To the best of our knowledge, the information in this publication is reliable. Users should make their own tests to determine the suitability of these products for their own particular purposes. DarCole Products, Inc. makes no warranty of any kind, express or implied, including those of merchantable and fitness for purpose. The responsibility of DarCole Products, Inc. for claims arising out of breach of warranty, negligence, strict liability, or other-wise are limited to the purchase price of the materials.



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