



# EUCON SRA FLOOR

## SHRINKAGE REDUCING ADMIXTURE

SPECIALTY PRODUCTS

EUCON SRA FLOOR

MASTER FORMAT #:  
03 30 00 03 40 00  
03 70 00

### DESCRIPTION

EUCON SRA FLOOR is a ready to use liquid admixture designed to reduce drying shrinkage and the potential for subsequent cracking in concrete and mortar. EUCON SRA FLOOR reduces the surface tension of the meniscus formed at the air-water interface in the pores. This reduces the internal tensile stresses that causes shrinkage of the cement paste. A drying shrinkage reduction of up to 50% can be observed, but usually in the range of 35%-50%. EUCON SRA FLOOR does not contain added chlorides and will not promote the corrosion of steel.

### PRIMARY APPLICATIONS

- Floors
- Foundations
- Silos
- Concrete pipes
- Water tanks
- Interior
- Walls
- Watertight construction
- Artificial skating rinks
- Water purification plants
- Swimming pools
- Underground construction

### FEATURES/BENEFITS

- Typically, shrinkage may be reduced up to 50% at one year and beyond, depending on the cement used.
- Reduces cracking caused by drying shrinkage.
- Increases the life of the structure.
- Decreases expensive maintenance costs and increases the durability of the structure.

### TECHNICAL INFORMATION

#### Physical/Chemical Properties

Specific gravity ..... 1.002  
 Odor ..... mild odor  
 Color ..... brown  
 Flash point ..... 220°F (104°C)

Consult your local Euclid Chemical representative for additional information. Trial batches are highly recommended.

### PACKAGING

EUCON SRA FLOOR is available in bulk, 275 gal (1041 L) totes, and 55 gal (208 L) drums.

### SHELF LIFE

2 years in original, unopened container.

## SPECIFICATIONS/COMPLIANCES

EUCON SRA FLOOR admixture is currently meeting the requirements of ASTM C494/C494M and AASHTO M-194 as a Type S admixture.

## DIRECTIONS FOR USE

Add EUCON SRA FLOOR after all admixtures have been introduced into the mix. It is also recommended to allow enough mixing time of all other admixtures before the addition of EUCON SRA FLOOR to ensure concrete homogeneity. To reduce shrinkage, a dosage of 1% to 2% by weight of cementitious should be used. In most cases, the recommended dosage needed to optimize the effect of EUCON SRA FLOOR is 2 %. The mix water of the concrete mix should be adjusted to account for volume of EUCON SRA FLOOR added in order to maintain required water:cement

## PRECAUTIONS/LIMITATIONS

- EUCON SRA FLOOR has a flash point of 220°F (104°C). EUCON SRA FLOOR must be handled with care and must not be subjected to excessive heat or in the presence of an open flame or sparks.
- EUCON SRA FLOOR may reduce the compressive strength up to 15% depending on the concrete mix design.
- EUCON SRA FLOOR has a potential for set time increase and delayed bleed. Set time increases can be exaggerated by lignin and naphthalene based admixtures. The use of polycarboxylate based admixtures will help to minimize the set time increase of concrete treated with EUCON SRA FLOOR.
- When additional workability is required, it is recommended that you use the Plastol line of admixtures
- Proper curing methods are required when EUCON SRA FLOOR is present in the mix. It is highly recommended that concrete treated with EUCON SRA FLOOR be treated with sheet goods or at a minimum a curing compound meeting the requirements of ASTM C1315.
- In all cases, consult the Safety Data Sheet before use.

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