



# EUCON™ SRA FLOOR

## SHRINKAGE REDUCING ADMIXTURE

### PRODUCT INFORMATION

#### PACKAGING

Available in bulk, 275 gal (1041 L) totes, and 55 gal (208 L) drums

#### SHELF LIFE

2 years in original, unopened container

#### SPECIFICATION/COMPLIANCES

AASHTO M194  
ASTM C494 Type S

#### TECHNICAL INFORMATION

**Specific Gravity:** ~ 1.002  
**Odor:** Mild  
**Color:** Brown  
**Flash Point:** ~ 220°F (104°C)

### DESCRIPTION

EUCON SRA FLOOR is a ready to use liquid admixture designed to reduce drying shrinkage and the potential for subsequent cracking in concrete. 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 contains no added chlorides or chemicals known to promote the corrosion of steel.

### PRODUCT CHARACTERISTICS

#### 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 maintenance costs and increases the durability

#### PRIMARY APPLICATIONS

- Floors, Foundations, Silos, Concrete pipes
- Interior/Exterior concrete
- Walls
- Watertight construction
- Skating rinks
- Water purification plants
- Swimming pools
- Underground construction
- Water tanks

### PRECAUTIONS/LIMITATIONS

- EUCON SRA FLOOR has a flash point of 220°F (104°C). EUCON SRA-XT must be handled with care and must not be placed in the presence of an open flame or sparks.
- EUCON SRA FLOOR may reduce compressive strength up to 10% 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 for flatwork/hard steel troweled floors use the PLASTOL line of polycarboxylate based admixtures.
- Proper curing methods are required when EUCON SRA FLOOR is in the mix. It's recommended that concrete treated with EUCON SRA FLOOR be cured by sheet or a curing compound meeting the requirements of ASTM C1315.
- In all cases, consult the Safety Data Sheet before use.

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## 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

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