



# EUCON SRA FLOOR

## SHRINKAGE REDUCING ADMIXTURE

### 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. 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/Exterior
- Walls
- Watertight construction
- Artificial skating rinks
- Water purification plants
- Swimming pools
- Underground construction

### FEATURES/BENEFITS

- Can be used in air entrained concrete
- 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

PROPERTY	VALUE
Specific gravity	0.97
Odor	mild odor
Color	Amber to light brown liquid
Flash point	104° C
Air entrainment	1.5% over control mix
Chloride content	< 0.2 %

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

### PACKAGING / YIELD

Eucon SRA Floor is available in bulk, 20 litres and 200 litres packed in MS Drums.

### SHELF LIFE

1 year 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 0.4% to 2% by weight of cementitious should be used.
- 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 104<sup>0</sup>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.
- In all cases, refer the Safety Data Sheet before use.