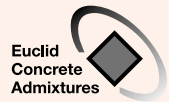


EUCON SRA+



SHRINKAGE REDUCING ADMIXTURE FOR AIR ENTRAINED CONCRETE

DESCRIPTION

Eucon SRA+ is a ready to use liquid admixture designed to reduce drying shrinkage and the potential for subsequent cracking in concrete and mortar. It has also been formulated to maintain a stable volume of air as well as a reliable air void system. Eucon SRA+ 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 reduction of up to 50% of shrinkage can be observed. Eucon SRA+ does not contain added chlorides and will not promote the corrosion of steel.

PRIMARY APPLICATIONS

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

FEATURES/BENEFITS

- Typically, shrinkage may be reduced up to 50%, depending on the cement used.
- Reduces cracking caused by shrinkage.
- Increases the life of the structure.
- Decreases expensive maintenance costs and increases the durability of the structure.
- Can be used where air entrainment is necessary.

TECHNICAL INFORMATION

EUCON SRA+ is compatible with all cementitious materials that meet current ASTM C 150 standards. For air entrainment, The Euclid Chemical Company primarily recommends the use of AEA-92 or AEA 92-S. Euclid Chemical's full line of retarders, accelerators and water reducers are compatible with EUCON SRA+.

Specific gravity 0.91
Odor light odor
Color clear
Flash point 212°F (100°C)

PACKAGING

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

SHELF LIFE

2 years in original, unopened container

SPECIALTY

EUCON SRA+

Master Format #: 03 3000 03 4000 03 7000



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An **RPM** Company



DIRECTIONS FOR USE

For maximum shrinkage reduction and best ability to entrain air, a dosage of 1% by weight of cementitious should be used.

Add EUCON SRA+ 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+ to ensure concrete homogeneity. When an air entraining agent is used, it must be introduced in the first 50% of water and aggregates (before the introduction of the cement.) This will allow the air void system to develop before the addition of superplasticizer and EUCON SRA+.

THE AIR ENTRAINING DOSAGE MUST BE DETERMINED THROUGH PERFORMANCE TESTING FOR EACH INDIVIDUAL MIX DESIGN AND SET OF CONCRETE MATERIALS.

*Note: Whenever switching from a mix containing Eucon SRA+ to one that does not contain Eucon SRA+ , it is strongly recommended to rinse out each truck to provide consistent air content between batches.

PRECAUTIONS/LIMITATIONS

- For air entrainment, The Euclid Chemical Company primarily recommends the use of AEA-92 or AEA 92-S.
- EUCON SRA+ may reduce the compressive strength up to 15% depending on the concrete mix design.
- Do not allow to freeze.
- In all cases, consult the Material Safety Data Sheet before use.

SECURITY/HANDLING

EUCON SRA+ has a flash point of 212°F (100°C). EUCON SRA+ must be handled with care and must not be subjected to excessive heat or in the presence of an open flame or sparks. For more information, please consult the Material Safety Data Sheet.

Rev. 10.10

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