

CHEMCRETE SRA

Chemcrete SRA is a liquid admixture designed to reduce drying shrinkage, and in doing so, reduce the resulting cracking. Chemcrete SRA acts by reducing the surface tension of the water in the pores and therefore reduces the internal forces in the concrete. Generally, this leads to a 50% reduction in both plastic shrinkage and drying shrinkage initially and at 28 days with a 30% reduction at one year and later.

REDUCES DRYING SHRINKAGE
REDUCES CRACKING
ALLOWS FOR INCREASED BAY SIZES

TECHNICAL INFORMATION

FORM: Colourless Liquid

SPECIFIC GRAVITY: 1.09

CHLORIDE CONTENT: < 0.1% w/w

DOSAGE: 1.0 – 2.5% by weight of cement

DIRECTIONS FOR USE:

DOSAGE

Chemcrete SRA is recommended at an addition of 2% by weight of cement; however dosages in the range 1- 2.5% will be effective with the shrinkage reduction effect being linear with dosage. Chemcrete SRA can result in retardation of up to 1 hour at normal dosages, and up to 15% reduction in compressive strengths. It is therefore recommended that a superplasticiser is used and trials carried out where specified strengths must be maintained.

DISPENSING

Chemcrete SRA should be dispensed into the mixer with the gauging water. It is recommended that the volume of gauging water is reduced by the volume of SRA added. Chemcrete SRA should never be added to the dry cement.

COMPATIBILITY

Chemcrete SRA can be used with all types of Portland Cements and with other admixtures. When used in conjunction with other admixtures, each must be dispensed separately into the concrete mix. If an air entraining agent is used, its dosage must be increased to maintain specified air contents.

OVERDOSAGE

Excessive dosage will result in retardation and strength loss.

STORAGE

Store in closed containers in dry areas, and away from extremes of temperature.

SHELF LIFE

12 months in unopened manufacturer's containers.

PACKAGING

Chemcrete SRA is supplied in 25L, 200L, and semi-bulk containers.