

CHEMCRETE MP500

Chemcrete MP500 is a high performance, mid-range liquid plasticiser for use in concrete. It is formulated from a blend of refined lignosulphonates and high performance synthetic polymers, and can be used to increase the workability, reduce the water content or extend the slump life of concrete, thus improving the plastic and hardened properties of the concrete.

12 – 18% WATER REDUCTION
LOW RETARDATION
GREATER CEMENT SAVINGS
INCREASES COMPRESSIVE STRENGTH
REDUCES PERMEABILITY
BS EN 934-2: T2

TECHNICAL INFORMATION

FORM: Liquid

COLOUR: Brown

SPECIFIC GRAVITY: ~1.19 g/ml

SOLIDS CONTENT: ~45% w/w

CHLORIDE CONTENT: < 0.1% w/w

Na₂O EQUIVALENT: 0.08% w/w

FREEZING POINT: -1°C

EFFECT ON SETTING: Minimal

DIRECTIONS FOR USE:

DOSAGE

Chemcrete MP500 is normally used at 0.3 – 0.7L per 100kg of cement. Trial mixes should be carried out to determine the optimum dosage rate. A dosage of 0.5% by weight of cementitious content would be normal. At reduced dosages, water reduction and performance will reduce. For advice, contact Larsen Technical Department.

DISPENSING

Chemcrete MP500 should be dispensed into the mixer after the cement(s), aggregates and water. To ensure optimum benefit, mixing times should be increased by approx. 50%. Chemcrete MP500 should never be added to the dry cement.

COMPATIBILITY

Chemcrete MP500 can be used with all types of Portland cement and blended cements. It can also be used with other admixtures. When used in conjunction with other admixtures, each must be dispensed separately into the concrete mix. Please consult our Technical Department.

OVERDOSAGE

Severe overdosage can cause retardation, air entrainment and increased workability leading to segregation.

STORAGE

This product must be stored in closed containers protected from extremes of temperature. If the product has frozen, thaw at temperatures above +4°C and reconstitute by mechanical agitation only and carry out trials to ensure continued suitability for use.

SHELF LIFE

12 months in unopened manufacturer's containers.

PACKAGING

Chemcrete MP500 is supplied in 25L, 200L and bulk if required.