

CHEMCRETE MP600

Chemcrete MP600 is a high performance, mid-range liquid plasticiser for use in concrete. It is formulated from a blend of high performance materials including latest generation Polycarboxylate technology and refined lignosulphonates, and can be used to increase the workability, reduce the water content with minimal effects on other properties

Chemcrete MP600 has the added advantage of improved dosage efficiency, lower retardation and improved compatibility with cement replacements.

12 – 25% WATER REDUCTION TYPICAL
GREATER CEMENT SAVINGS or STRENGTH GAINS
MULTIFUNCTIONAL DEPENDENT ON DOSE
LOW RETARDATION EFFECTS
IMPROVED PERFORMANCE WITH CEMENT
REPLACEMENTS
BS EN 934-2: T2

TECHNICAL INFORMATION

FORM: Liquid

COLOUR: Brown

SPECIFIC GRAVITY: 1.115 – 1.175 g/ml

SOLIDS CONTENT: 36.1 – 39.9% w/w

pH: 9.5 – 11.5

CHLORIDE CONTENT: < 0.1% w/w

Na₂O EQUIVALENT: <1.0% w/w

FREEZING POINT: 0°C

EN934 TYPE: BS EN 934-2 Table 2

EFFECT ON SETTING: very little

DIRECTIONS FOR USE:

DOSAGE

Chemcrete MP600 is normally used at 0.4 – 1.0L per 100kg of cement. Trial mixes should be carried out to determine the optimum dosage rate. A dosage of 0.5-0.6% by weight of cementitious content would be normal. At higher dosages, improved performance can be expected. At reduced dosages, water reduction and performance will reduce. For advice, contact Larsen Technical Department.

DISPENSING

Chemcrete MP600 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 MP600 should never be added to the dry cement.

COMPATIBILITY

Chemcrete MP600 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. It is always recommended to carry out trials to ensure compatibility. Please consult our Technical Department.

OVERDOSAGE

Severe overdosage can cause severe 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 MP800 is supplied in 25L, 200L and bulk if required.