

CHEMCRETE RECAST 16



Chemcrete RECAST16 is a blend of next generation modified polycarboxylates (PCEs) which is designed to be used as a high performance accelerating superplasticiser/high range water reducer.

RECAST 16 is specifically formulated to provide exceptionally high water reduction and/or flowability with very high early strength development. This makes it ideal for all Precast Concrete production, particularly where automated methods are used.

By increasing early strengths, formwork can be stripped earlier, curing cycles can be optimized and damages are reduced. This in turn increases productivity and helps to reduce overall costs.

Reduced Setting Time
Very High Water Reduction
Excellent Early Strength Development

TECHNICAL INFORMATION

FORM: Liquid

COLOUR: Opaque Pale Yellow

SPECIFIC GRAVITY: 1.050 - 1.090 g/ml

pH: 8.5 - 10.5

CHLORIDE CONTENT: < 0.1% w/w

Na₂O EQUIVALENT: <1.0% w/w

FREEZING POINT: 0°C

EN934 TYPE: BS EN 934-2 Table 3.1/3.2

DIRECTIONS FOR USE:

DOSAGE

Chemcrete RECAST16 is normally used at 0.2 – 0.8L 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 a normal starting point. For SCC or very high flowability mixes, dosage can be increased up to a maximum of 2%. For advice, contact Larsen Technical Department.

DISPENSING

Chemcrete RECAST16 should be dispensed into the mixer after the cement(s), aggregates and water. For best results it is added after 75% of the mixing water. To ensure optimum benefit with low water cement ratio mixes, mixing times should be increased by approx. 50%. Chemcrete RECAST16 should never be added to the dry cement.

COMPATIBILITY

Chemcrete RECAST16 can be used with all types of Portland cement and blended cements. It can also be used with other admixtures for example Chemcrete CF200. 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 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 RECAST16 is supplied in 25L, 200L and bulk if required.