

# CHEMCRETE REACT 2



Chemcrete REACT 2 is a solution of advanced organic stabilisers which is designed to be used to produce concrete with enhanced viscosity and controlled rheological properties.

REACT 2 is specifically formulated to provide excellent stability and resistance to segregation in all high fluidity concretes, both in readymix and precast applications. It is also ideal for producing low filler content SCC.

REACT 2 is particularly suitable for balancing and stabilising lean mixes, poorly graded aggregates and mixes with low fines content. It is ideally for reacting to segregation and correcting mixes which may otherwise be rejected.

## TECHNICAL INFORMATION

**FORM:** Liquid

**COLOUR:** Opaque Pale Yellow/Brown

**SPECIFIC GRAVITY:** 0.985 – 1.025 g/ml

**pH:** 6.5 – 8.5

**CHLORIDE CONTENT:** < 0.1% w/w

**Na<sub>2</sub>O EQUIVALENT:** <1.0% w/w

**FREEZING POINT:** 0°C

**EN934 TYPE:** BS EN 934-2 Table 13

## **DIRECTIONS FOR USE:**

### **DOSAGE**

For SCC or very high flowability mixes, Chemcrete REACT 2 is normally used at 0.5 L per m<sup>3</sup> of concrete when used as a stabiliser. Trial mixes should be carried out to determine the optimum dosage rate. When correcting segregating mixes dosages of 0.25 – 1.0L per m<sup>3</sup> of concrete are normal. For advice, contact Larsen Technical Department.

### **DISPENSING**

Chemcrete REACT 2 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 and after the superplasticiser. To ensure optimum benefit with low water cement ratio mixes, mixing times should be increased by approx. 50%. Chemcrete REACT 2 should never be added to the dry cement. When adding to segregating mixes, add slowly with good mechanical mixing to ensure fully dispersed throughout mix.

### **COMPATIBILITY**

Chemcrete REACT 2 can be used with all types of Portland cement and blended cements. It can also be used with other admixtures for example Chemcrete 100Plus. 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 decrease in workability.

### **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 REACT 2 is supplied in 25L, 200L and IBC if required.