

# CHEMCRETE B500

Chemcrete B500 is a modified lignosulphonate based water reducing agent designed specifically for concrete block making. B500 offers excellent water reduction in semi-dry mixes and helps to improve processing and compaction. This in turn increases density and strength or alternatively allows for greater cement reduction, while increasing overall productivity and reducing turnaround times.

**EXCELLENT WATER REDUCTION**  
**IDEAL FOR SEMI-DRY MIXES**  
**HIGH EARLY STRENGTH**  
**IMPROVED ULTIMATE STRENGTH**  
**GREATER CEMENT SAVINGS**  
**IMPROVED COMPACTION**  
**IMPROVED FINISH**

## TECHNICAL INFORMATION

**FORM:** Liquid

**COLOUR:** Brown

**SPECIFIC GRAVITY:** 1.140 - 1.240 g/ml

**pH:** 7.0-9.0

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

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

**FREEZING POINT:** -1°C

**EFFECT ON SETTING:**  
Minimal/accelerating

## **DIRECTIONS FOR USE:**

### **DOSAGE**

Chemcrete B500 is normally used at 0.5% by weight of cement. Trial mixes should be carried out to determine the optimum dosage rate. For advice, contact Larsen Technical Department.

### **DISPENSING**

Chemcrete B500 should be dispensed into the mixer with the gauging water. It should never be added to the dry cement.

### **COMPATIBILITY**

Chemcrete B500 can be used with all types of Portland cement. It can also be used with other admixtures (i.e. air entrainers). 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 increased 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 B500 is supplied in 25L, 200L and bulk if required.