

# SILOMIX RETARDER

Silomix Retarder is a powdered retarding admixture for dry-mixed bricklaying and plastering mortars. It is manufactured from a blend of retarding agents and fillers which ensures consistent performance of mortars. When mixed with suitable sand, cement and mortar plasticiser, Silomix Retarder produces superior mortars with up to 24 hour retardation.

**EASILY HANDLED**  
**IDEAL FOR SILO SYSTEMS**  
**UP TO 24 HOUR RETARDATION**  
**CHLORIDE-FREE**

## TECHNICAL INFORMATION

**FORM:** Powder

**COLOUR:** Off-white

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

**DOSAGE:** Typically 0.2kg per 100kg cement.

## **DIRECTIONS FOR USE:**

### **DOSAGE**

Silomix Retarder is typically used at a rate of 0.1 – 0.3 % by weight of cement. For best results, add the powder to the dry sand before adding the cement. Dosage rates to achieve the desired workability will depend on the class of mortar, ambient temperatures, sand quality, method of mixing and cement type. Thorough mixing of the mortar is essential. Mixing should continue until a uniform consistency is achieved. For advice, contact Larsen Technical Department.

### **COMPATIBILITY**

Silomix Retarder can be used with all types of Portland Cements. Some sands, cements or pozzolanic materials may require increased or reduced dosages.

### **GENERAL**

Fresh mortar must be contained in non-porous containers or similar, covered in order to prevent drying out. Protect the materials from frost. Sands for masonry mortars must be evaluated for their suitability for retarded mortars. Sands containing a high silt content may not be suitable. Trial mixes must be carried out to ascertain optimum working dosages.

### **OVERDOSAGE**

Severe overdosage can cause extensive retardation.

### **STORAGE**

This product must be stored in dry conditions.

### **SHELF LIFE**

12 months in unopened manufacturer's containers.

### **PACKAGING**

Silomix Retarder is supplied in 10kg bags.