

**LARSEN****ADMIXTURES****TECHNICAL DATA SHEET**

Concentrated Mortar Plasticiser

BS EN 934-3**UP TO 25 TIMES STRONGER THAN
CONVENTIONAL MORTAR PLASTICISERS****REPLACES LIME****INCREASES FROST PROTECTION****REDUCES SHRINKAGE AND CRAZING****CHLORIDE-FREE**

Larsen Concentrated Mortar Plasticiser is a high strength, low dosage plasticizing admixture for bricklaying and plastering mortars. Supplied in a special, easy to use, dosing pack, it is up to 25 times stronger than conventional products. Concentrated Mortar Plasticiser improves the workability of mortar for masonry, brickwork and sand/cement rendering. In addition, it increases the resistance of the mortar to frost by entraining air.



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PRODUCT INFORMATION

FORM	Liquid
COLOUR	Brown
SPECIFIC GRAVITY	~1.01g/ml
pH	~9.5
CHLORIDE CONTENT	< 0.1% w/w
FREEZING POINT	0°C
DOSAGE	Typically 10 - 25ml per 25kg cement

DIRECTIONS FOR USE

DOSAGE

Concentrated Mortar Plasticiser is typically used at a rate of 0.04 – 0.1L per 100kg of cement. Dosage rates - to achieve the desired workability - will depend on the class of mortar, ambient temperatures, sand quality and cement type. Unscrew cap on graduated measuring cup and ensure other cap is tightly closed. Squeeze bottle to fill graduated measuring cup to the required level. Add the required dosage of CONCENTRATED MORTAR PLASTICISER (approx. 10 – 25ml per 25kg bag of cement) to a portion of the mixing water in a bucket and stir well. Add the contents of the bucket to the mixer along with the sand, cement and any remaining water to obtain the required consistency. Thorough mixing of the mortar is essential. Mixing should continue until a uniform consistency is achieved. For advice, contact Larsen Technical Department.

COMPATIBILITY

Concentrated Mortar Plasticiser should be dispensed into the mixer with the gauging water. It should never be added to the dry cement. It should be dispensed separately to waterproofers and other additives. Concentrated Mortar Plasticiser can be used with all types of Portland Cements. Some cements or pozzolanic materials may require increased dosages.

GENERAL

Fresh mortar must be contained in non-porous containers or similar; a layer of water placed on top in order to prevent drying out; and the storage containers covered with polythene. Protect the materials from frost. Dampen down bricks and blocks prior to use. Sands for masonry mortars must be evaluated for their suitability for 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 air entrainment and loss of strength.

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.

SHELF LIFE

12 months in unopened manufacturer's containers.

PACKAGING

Concentrated Mortar Plasticiser is supplied in 1L containers.