

# 4:1 SAND & CEMENT



stone  
Federation  
Great Britain

Larsen Sand & Cement is a handy pack of specially selected aggregates and cement designed to give a multipurpose mix. Pack contains sand and cement in a 4:1 ratio by weight which is approximately 3:1 by volume. When mixed semi-dry it is ideal for screeding; bedding slabs and paving; haunching kerbs and edgings. Mixed with Larsen Mortar Plasticiser it can be used to produce a traditional building mortar, pointing mortar or render.

**MULTIPURPOSE**  
**EASY TO USE**  
**4:1 BY WEIGHT**



## TECHNICAL INFORMATION

PRODUCT INFORMATION	
<b>FORM</b>	Granular
<b>COLOUR</b>	Grey
<b>MAX AGGREGATE</b>	3mm
<b>HAZARD INFORMATION:</b>	Contains cement. Consult Safety Datasheet before use
<b>CLEANING:</b>	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set.
<b>PACKAGING:</b>	25 kg plastic bag with internal plastic cement bag
<b>STORAGE INSTRUCTIONS:</b>	Store unopened containers in a dark, cool, dry location away from extremes of temperature
<b>SHELF LIFE:</b>	Minimum 6 months in unopened manufacturer's containers
APPLICATION INFORMATION	
<b>WATER DEMAND</b>	Depending on use add 2-3 L of water per 25kg
<b>APPLICATION TEMPERATURE</b>	+5°C to +30°C
<b>WORKING TIME</b>	Approx. 40-60 minutes
<b>APPLICATION THICKNESS</b>	25 to 100mm
<b>YIELD</b>	1 bag will cover approx 0.2m <sup>2</sup> @ 50mm thickness

## DIRECTIONS FOR USE

### Preparation

All surfaces must be sound, clean and free from any loose material or contamination. All surfaces must be saturated with clean water but free from standing water or puddles.

### Mixing

Open the bag, and removing the inner cement bag, empty the aggregate onto the mixing sheet. Make a well in the centre of the aggregate and, with care, empty in the contents of the cement bag.

**Bedding, Screeding & Haunching** - add approx 2L water per bag and mix thoroughly to a semi-dry/earth moist consistency. Apply within 40minutes of mixing and fully compact in thickness from 25-100mm.

**Mortar & Render** - dilute approx 25ml Mortar Plasticiser to 2.5L with water and add this to the sand & cement. Mix with a suitable mixer for 3-5min to achieve a suitable consistency depending on application. Apply within 40minutes of mixing and fully compact in thickness from 25-100mm. When a waterproof mortar is required use Prufplast or Pink Waterproofer.

Finish as required with trowel, tamp or brush and protect from drying out by covering with polythene sheeting or wet hessian (sacking) for a minimum of 7 days.

### Coverage

1 bag will cover approx 0.2m<sup>2</sup> @ 50mm thickness.

## RESTRICTIONS

All work should be carried out to current best practice and industry guidelines. Final strength, finish and durability will be dependent on site application and conditions. Ambient and substrate temperatures should be above 5°C during application. Fresh mortar should be protected from frost until fully hardened. When ambient or substrate temperatures are below 10°C, allow extra time for the material to harden before applying loads or removing formwork. In warm and windy conditions take extra care to prevent rapid drying which may lead to cracks. The performance of this product is dependent on the user having the required skills and familiarity with the product and its application methods.