

6:1 MORTAR



Larsen 6:1 Mortar is a prescribed general purpose masonry mortar for external use in elements subject to structural requirements. It is a blend of specially graded, kiln dried sands, Portland cement and air entraining agents. It is suitable for building, bedding and pointing brick, block and stone.



EASY TO USE
GENERAL PURPOSE
BS5268-3 TYPE III MORTAR
BS EN 998-2 M4 (PRESCRIBED)

TECHNICAL INFORMATION:

PRODUCT INFORMATION	
FORM:	Granular
STANDARD COLOUR(S):	Various colours available
MAXIMUM AGGREGATE SIZE:	Typically 3.0 mm
PROPORTIONS:	Approx. 1:6 Cement : Sand by volume Proportions by weight Cement (CEM I) 13.5% Aggregates 86.5% Air Entraining Agent 0.025%
CLASS:	Type iii (M4 as per tabulated values in NA1 of BS EN 998-2)
MIX:	3.0 to 4.0L water per 25kg bag
COVERAGE:	Approximately 15L per 25kg Typically equivalent to 25 bricks or 15 blocks with a 10mm joint
HAZARD INFORMATION:	IRRITANT – Consult Safety Datasheet before use
CLEANING:	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set.
PACKAGING:	25kg multi-wall paper sacks and bulk
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE:	12 months in unopened manufacturer's packaging

DIRECTIONS FOR USE:

MIXING

The bag contains all components necessary for the production of a general purpose mortar with only the addition of water. The contents of the bag should be added to approximately 3.0 to 4.0 litres of clean water and mechanically mixed in a free fall mixer for 3-4 minutes or mixed with a slow speed drill and paddle until the desired workability is achieved. Alternatively, when supplied in bulk, a suitable mechanical mixing station should be used and water addition set to ensure desired workability is achieved. Water supply should be set up in such a way to ensure consistent pressure / flow rate is maintained. The mixed mortar should be used within 60 minutes of mixing. Do not add extra water or attempt to rework mortar which has passed its working life. Excessive water addition will weaken the mix, delay setting times and adversely affect durability. Do not add further admixtures, cement or lime to the material. All required plasticisers are already incorporated into the mix.

APPLICATION

All work should be carried out to current best practice, national standards and the guidance of the Mortar Industry Association. Apply the mortar by trowel with a typical joint width of 10mm. In the case of high absorbency masonry units and/or high ambient temperatures, rapid moisture loss from the mortar should be prevented by pre-wetting the masonry units. Suitable protection is desirable to protect newly erected masonry against extremes of weather, both in winter and summer conditions, which can affect the appearance and sometimes even the integrity of the mortar. The finished mortar should be protected against the effects of frost and rain by covering with polythene sheeting or Hessian. To prevent rapid drying in excessively dry or windy conditions the mortar should be similarly protected.

RESTRICTIONS

Site and masonry temperatures must be between 5°C and 35°C during application and until the mortar has achieved sufficient strength to prevent damage. Efflorescence and limebloom are natural phenomenon affecting all cementitious materials. Good site practice will minimise their occurrence. The occurrence of these conditions, while unsightly in the short term, in no way affects the performance of the mortar. We can take no responsibility for the occurrence of efflorescence or limebloom.