

# BASIC MORTAR

## PRODUCT DESCRIPTION

Basic Mortar (sand and cement) is a carefully proportioned 1:4 blend of cement and sand. This material is suitable for general purpose mortar applications including below the damp course and for roof tiles. The mortar can also be used for rendering small patches but is not suggested for large areas.

It only requires the addition of water followed by adequate mixing prior to use.

## SUPPLY

Basic Mortar is available from most retail hardware and building supply outlets.

Basic Mortar is pre-packed into easy to handle 20kg multi-walled paper bags.

## SPECIFICATION

Basic Mortar is proportioned as a M4 mortar in accordance with Table 11.1 of AS 3700. It has been formulated to achieve a minimum mortar prism compressive strength of 7 MPa at 28 days when mixed with 3.2 litres of water per bag.

All products are manufactured under a third party certified manufacturing and supply quality assurance system to ISO 9001 (BSI Certification No FS 604665).

## APPLICATIONS

Basic Mortar is ideal for:

- Use as a topping mix.
- Use as a damp course mortar.
- General purpose grouting.
- Roof tile bedding mortar.
- Patching of renders on strong backgrounds.

## Limitations

- Do not use with other binding agents or admixtures.

## DIRECTIONS FOR USE

1. Place the required quantity of powder into a wheelbarrow or onto a hard non-absorbent surface.
2. Do not mix more mortar than can be used within one hour.
3. Add water gradually and mix thoroughly to obtain an even colour being careful not to allow any cement to wash away. Add only sufficient water to make a plastic, workable mix.
4. Use the mixed mortar within one hour. Do not allow to stand. Adelaide Brighton Cement does not advocate retempering of mixes with additional water.
5. Allow the mortar to stiffen to the touch before raking or finishing.

6. For patch rendering, the surface must be free of dust, oil and loose materials. Dampen the surface with clean water, but do not soak, prior to applying the mortar.
7. Clean tools and equipment with water immediately after use.

## TYPICAL PROPERTIES

Bag content	20 kg
Yield	10.5 l/bag
Coverage	25 standard house bricks when using 10 mm joint
Mix composition (Parts by Volume):	
Cement binder	: 1 part
Sand	: 4 parts
Bulk Density	1500 – 1700 kg/m <sup>3</sup>
Bond strength when using:	
-Clay	≥ 0.20 MPa
-Masonry	≥ 0.20 MPa
In-house Compressive Strength Mortar Prisms (16% water addition)	
7 days	≥ 5 MPa
28 days	≥ 7 MPa

## HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods it is suggested that you share the load with another person.

Basic Mortar can be stored for up to six months provided it is stored in a dry place, off of the ground and protected from ingress of moisture. Ingress of moisture can occur due to rain, spillage of liquid (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.

## SAFETY INFORMATION

For safety information refer to the Safety Data Sheet for Basic Mortar.

## CONTACT POINTS

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