

# BASIC MORTAR

## PRODUCT DESCRIPTION

Adelaide Brighton Cement produces Basic Mortar, a 1:4 blend of cement and sand.

Basic Mortar is suitable for general purpose mortar applications, including roof tiles and below damp course. It can also be used for small patches of render, but is not recommended for large areas.

Basic Mortar requires only the addition of water followed by mixing prior to use.

## SUPPLY

Basic Mortar is available from most retail hardware and building supply outlets. It is pre-packed into easy to handle 20 kg multi-walled paper bags.

## SPECIFICATION

Basic Mortar is proportioned as an M4 mortar in accordance with AS 3700, table 11.1. It has been formulated to achieve a minimum 7 MPa compressive strength at 28 days when mixed with 3.2 litres water per 20 kg 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, damp course mortar, general purpose grout, roof tile bedding mortar, and patch render.

## Limitations

- Do not mix with other binding agents or admixtures.

## DIRECTIONS FOR USE

- Empty the bag into a mixer, wheelbarrow, or onto a hard non-absorbent surface. Do not mix more than can be used within an hour.
- Add water gradually and mix thoroughly to achieve an even colour being careful not to permit cement to wash away. Use only sufficient water to make a workable mortar.
- Apply the mixed mortar within an hour of mixing and do not allow it to stand. Adelaide Brighton Cement does not advocate the retempering of mortar with additional water.
- Rake/finish once mortar stiffens to the touch.

For patch rendering, the substrate must be free of dust, oil, and loose material. Dampen the substrate with clean water before applying the mortar.

## TYPICAL PROPERTIES

<b>Bag content</b>	20 kg
<b>Yield</b>	10.5 litre/bag
<b>Coverage</b>	25 standard house bricks (10 mm joint)
<b>Mix composition (parts by volume):</b>	
Cement	1
Sand	4
<b>Bulk density</b>	1500 – 1700 kg/m <sup>3</sup>
<b>Bond strength:</b>	
Clay	≥0.20 MPa
Masonry	≥0.20 MPa
<b>In-house mortar compressive strength (16% water):</b>	
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 protection against ingress of moisture is observed throughout the storage of the product. To achieve optimum results, ideally use within 3 months of purchase.

Ingress of moisture can occur due to rain, liquid spillage (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.

Do not use if the product has become hard or lumpy.

## SAFETY INFORMATION

For safety information refer to the safety datasheet for Basic Mortar.

## CONTACT POINTS

**For further information contact the Sales and Marketing department at:**

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