



# M4 MORTAR

## High Strength – Grey

WESTBUILD M4 High Strength Mortar Grey is a pre-blended mortar, a proportioned mix of GP cement, lime and dried bricklayer's sand conforming to AS3700, and is ideal for all industrial, commercial and residential brick and block construction, including along coastal and river waters. Also suitable for retaining walls, in aggressive soils or for use below the damp proof course (DPC).

WESTBUILD M4 High Strength Mortar Grey will lay approximately 20 standard bricks per 20kg bag.

### Advantages

- M4 Mortar classification, conforms to AS3700
- Use within 1km of a coastline or 100m of an estuary
- Ready to use Dry Mix product – Just add water
- Available in Grey and Cream
- Premium Quality and Australian Made
- \*\* Rainproof Packaging \*\***



### Product Attributes

#### Uses

- Recommended for:* Designed to meet the criteria of an M4 classification for AS3700 Masonry structures, WESTBUILD M4 High Strength Mortar is for general brick and block construction:
- within 1km of breaking surf coastline
  - within 100m of non-surf coastline (e.g. estuaries, canals and river zones)
  - for walls in contact with aggressive soils
  - for walls constructed below the damp proof course (DPC)

For more information on suitable uses or uses that are not listed above, please contact a Westbuild representative.

Colour Grey. Also available in Cream.

Packaging 20kg Rainproof bag (50 bags per tonne.) 60 bags per pallet (1200kg).

Coverage/Yield A 20kg bag of WESTBUILD M4 High Strength Mortar will lay approximately 20 STD Bricks. As a guide, you will need approximately 36 bags per 1000 bricks. (STD Bricks are common house bricks – 230L x 110W x 76H.)

Shelf Life & Storage WESTBUILD M4 High Strength Mortar in 20kg Rainproof Bags can be stored outside in any weather conditions and can be stored for extended periods of time.



## Technical Data

### Product Identity

Form	Powder
Colour	Grey

### Performance / Classification

M4 classification according to AS3700 Masonry structures.

To meet the AS3700 standard for M4 mortar, it is the responsibility of the user to ensure appropriate awareness, understanding and application of the AS3700 Masonry Structures code and how to adhere to it.

## Installation

### Water Ratio

M4 Mortar Mix	Clean Water
20kg	1.9 – 2.1 Litres

### Mixing

Westbuild M4 Mortar is ready to use from the bag and does not require any additional materials other than water.

Add M4 Mortar into a mixer, wheelbarrow or onto a non-porous mixing board. Mortar should always be mixed on a non-porous surface, or preferably mixed by machine (i.e. drum type cement mixer). Slowly add water in small quantities until a workable consistency is achieved. The mix should be firm, and yet still be easy to trowel.

Be sure not to add too much water as this will result in a mortar too soft and unable to be used correctly.

Mix enough product that can be used within 30 minutes. If the product begins to harden, under no circumstances add more water to the mixed mortar as this will greatly reduce the strength of the finished product

### Application/Placing

Always use the mixed product within 30 minutes. If the product begins to harden, do not add excess water as this will significantly reduce the strength of the cured mortar.

### Cleaning

Clean tools with water while the material is still fresh.

## Attention

Application temperature is +5°C to +35°C.

Do not add any additional cement or sand as this will affect the mix ratios.

Do not overwater as this will affect the cured strength of the mortar.

If the mortar has begun to harden before use, do not add water to the mix as this will drastically reduce the strength of the product.



To meet the AS3700 standard for M4 mortar, it is the responsibility of the user to ensure appropriate awareness, understanding and application of the AS3700 Masonry Structures code and how to adhere to it.

All M4 mortars should have an ironed joint to ensure the AS3700 standard is met.

The Building Code of Australia applies to building regulations in Western Australia and provides that it's mortar requirements are satisfied if the mortar complies with Australian Standard AS3700 Masonry Structures.

---

#### **Risk**

All cement-based products are alkaline and can cause irritation. This product is considered hazardous according to criteria of Work Safe Australia. A dust mask should be worn when handling the material. Continuous or extended contact with this product may cause irritation, as well as respiratory issues such as bronchitis or silicosis. Contact with the eyes and repeated and prolonged skin contact should be avoided.

---

#### **Safety Precautions**

A dust mask should be worn when handling the material. Continuous or extended contact with this product may cause irritation, as well as respiratory issues such as bronchitis or silicosis. Contact with the eyes and repeated and prolonged skin contact should be avoided.

---

#### **Technical/Safety Data**

TECHNICAL DATA SHEETS (TDS) AND SAFETY DATA SHEETS (SDS) are available on request and should always be referenced before handling this product and before the commencement of any works. A WESTBUILD Representative is always available should you require further information. Visit our website for further information on the use of this product and suitability for your application.

---

#### **Related Products**

Westbuild M4 Mortar High Strength – Cream  
Westbuild Mortar General Purpose – Grey  
Westbuild Mortar General Purpose – Cream

It is the responsibility of the user to ensure that products are used in accordance with the Westbuild Products Pty Ltd instructions for use, and Australian Standard procedures in applications for which they are intended. Westbuild Products Pty Ltd and its associated companies cannot guarantee and are not liable for the use of their products outside of Australian Standards guidelines and the Westbuild Products Pty Ltd instructions for use. The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge at time of printing. Freedom from patent restrictions should not be assumed.

WESTBUILD CONTACT DETAILS  
PHONE: 08 9309 2029  
FAX: 08 9302 1129  
Email: [technical@westbuildgroup.com](mailto:technical@westbuildgroup.com)