



PRODUCT DATA SHEET

Roof Tile Bedding Mortar

Cement Australia's Roof Tile Bedding Mortar consists of cement, dried sand and additives and is suitable for bedding clay and concrete roof ridge and hip tiles. Roof Tile Bedding Mortar conforms to the bedding mortar requirements specified in AS 2050-2002 "Installation of roof tiles". Performance of the bedding mortar is imperative as ridge and hip tiles are located at the most vulnerable positions on pitched roofs and this product prevents tile movement which in turn prevents moisture penetration.

Features & Benefits

Designed to meet the exacting needs of roof tiling professionals

- Ready to use product just requiring the addition of clean water
- Quality premixed product specifically formulated for roof tile bedding applications
- Excellent workability
- Designed to ensure that tiles 'sit up' on the bedding mix and reduces slumping
- Roof Tile Bedding Mortar is designed to retain moisture to assist the natural hydration process especially at warm to hot temperatures

Directions for Use

1. Place the required amount of Roof Tile Bedding Mortar into a mixer or onto a non-absorbent surface.
2. Add drinkable water gradually ensuring that it does not wash away any cement and mix thoroughly to ensure an even and consistent mix.

Note: Add only enough water to make a workable mix and do not add excessive water as this will weaken the Roof Tile Bedding Mortar. The recommended amount of water should be added to ensure that the bedding mortar is moist enough to bond to the tiles but not so wet that it sags or runs down the roof.

3. Form a mortar bed of approximately 50mm in width on both sides and at the ends of the ridge tile to fill the gap underneath where they meet.
4. Place the ridge or hip tile on the bed of mortar and remove any mortar that may be squeezed out when the tile is placed and smooth the joint. Any gaps that become apparent must be filled with mortar allowing the mortar to dry before finishing with a 'pointing' mix applied in line with the manufacturers' recommendations.
5. Use a brush or trowel to neaten the bedding mortar and smooth off if required. The bedding mortar should be squared off to provide a clean face for pointing.
6. All tools and equipment should be cleaned with water after use.
7. Do not re-temper the mortar if it stiffens. Discard the stiffened product and make a new mortar.

Applications

Cement Australia's Roof Tile Bedding Mortar is suitable for:

- Bedding ridge tiles
- Bedding hip tiles, and
- General roof repairs

Availability

Product available in 20kg bags.

Recommended Water Addition Ratio

One 20kg bag of Rapid Set Concrete requires approximately 2.5 litres of clean drinking water to provide a workable mix.

For more information call **1300 CEMENT** (1300 236 368) or visit www.cementaustralia.com.au

Mix it with the best.



Limitations

The addition of plasticisers and products that aerate the Roof Tile Bedding Mortar should be avoided as these products weaken the mortar.

Relevant Australian Standard

AS 1478.1-2000 Chemical admixtures for concrete, mortar and grout
AS 2049-2002 Roof Tiles
AS 2050-2002 Installation of roof tiles
AS 2701-2001 Methods of sampling and testing mortar for masonry construction
AS 2758.1-1998 Aggregates and rock for engineering purposes
AS 3700-2001 Masonry Structures
AS 3972-2010 General purpose and blended cements

Relevant International Standard

AS1478.1-2000 Chemical Admixtures for concrete, mortar and grout

Things You Might Need

- Pointing Trowel
- Mixing device
- Hose
- Bucket
- Ridge or hip tiles
- Access to clean water

Storage, Handling & Safety

- Care should be taken when lifting bagged products as personal injury may occur. It is suggested that when lifting bagged materials unless you have been trained to do so, the load is shared with another person.
- Roof Tile Bedding Mortar contains Portland cement which when damp, becomes alkaline and may be harmful to the eyes and skin. Avoid breathing the dust and contact with the skin and eyes. Suitable protective clothing should be worn at all times including eye protection and gloves.
- Roof Tile Bedding Mortar should be stored in a dry place, off the ground and be protected from moisture.
- Contents may contain crystalline silica and should be used and handled appropriately.
- The recommended shelf-life of cement based products is approximately six (6) months from the date of manufacture provided that the product is stored as indicated above. Once opened the bag should be used on that day.

Further Hints & Tips

- Do not mix more material than can be applied in one (1) hour.
- Do not allow the Roof Tile Bedding Mortar to stand for an extended length of time as re-tempering the mix with additional water will weaken the mortar.
- In warm and hot conditions it is suggested to dampen the top of the roof tiles and ridge or hip tiles before laying the mortar bed to prevent the bedding mortar from losing moisture too quickly. Continue to dampen the tiles as required. If the Bedding Mortar is being used for roof repairs wet the area to be repaired to prevent the bedding mortar from drying out too quickly and cracking.
- Roof Tile Bedding Mortar should not be applied in wet weather.
- Take care not to smear the bedding mortar onto the tiles.
- If using profiled roof tiles then dentil slips should be used to reduce the amount of bedding mortar required and the risk of shrinkage.
- Once three or four ridge or hip tiles have been laid, level the tiles and tap them down to achieve compaction to complete the mortar bond.

NOTE: The Roof Tile Bedding Mortar Safety Data Sheet (SDS) is available at www.cementaustralia.com.au

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Recommendations regarding the use of this product are to be taken as a guide only. If in doubt contact Cement Australia Pty Limited ("Cement Australia") or seek professional advice. To the extent permitted by law, Cement Australia excludes all implied warranties, conditions and guarantees imposed by legislation. Cement Australia excludes all liability for loss, damage or injury arising from use of the product (i) otherwise than in accordance with the recommendations or (ii) for purposes other than those for which it is ordinarily acquired. For all other loss, damage or injury arising from the use of this product, to the extent permitted by law Cement Australia's liability is limited, at its discretion, to refunding the cost of the product or resupplying the product or equivalent product.

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