



KWIKCRETE™

Fast Setting Mortar

Westbuild Kwikcrete is a ready to use, rapid setting modified mortar suitable for masonry repair and patching, filling and all general repair plumbing works.

Kwikcrete is fast setting for rapid repair and reinstatement.

Westbuild Kwikcrete is conveniently packaged and supplied in a mixing pail containing a separate sealed bag of the Kwikcrete mortar; simply use the desired amount and return the bag back into the bucket for future use.

Advantages

Superior Bond Strength:	Increased adhesion to porcelain and reduced need for lime for workability. Increased adhesion to most commonly used building materials.
Premium Quality	Australian Made
Easy to Use:	Just add the desired amount of product to clean water.
Fast Setting:	Enables rapid repair and reinstatement.
Bag in a Bucket:	The bucket can be used as a mixing bucket and to store any un-mixed Kwikcrete remaining in the bag.
Adjustable Consistency:	Mouldable or trowelable



Product Attributes

<u>Uses</u>	KWIKCRETE is ideal for masonry patching and repair, and all general repair plumbing works. For more information on suitable substrates or substrates that are not listed here, please contact a Westbuild representative.
<u>Performance</u>	Kwikcrete is not a structural product, and final strength can be lower than 20MPa. For higher strength repair mortars, or for structural applications, contact Westbuild for advice.
<u>Setting Times</u>	Kwikcrete will begin to set within 15-20 minutes. Setting times can vary dependent on ambient temperature, and it is typical to take slightly longer to set in cold weather and/or with cold water.
<u>Yield</u>	1 x 12kg bucket of Westbuild Kwikcrete makes approximately 11.0L of finished product.
<u>Colour</u>	Grey



- Packaging** 12kg pail (32 pails/pallet). 12kg Kwikcrete supplied in Westbuild Rainproof packaging within a plastic bucket. The bucket can be used as a mixing bucket and for storage of any remaining un-mixed Kwikcrete still in the bag.
- Shelf Life & Storage** Kwikcrete, in its unopened packaging can be stored outside in any weather conditions and can be stored for extended periods of time within its rainproof packaging.

Technical Data

Product Identity

Form Powder
Colour Grey

Application Properties

Setting Time 30 minutes
Adjustability Time 15-25 minutes

Application properties are dependent on temperature and relative humidity.

Typical Performance

Kwikcrete is a fast setting mortar, not a structural product. Typical strength can be less than 20MPa.

Installation

Surface Preparation Surface preparation is vital for optimum adhesion and results. Ensure all substrates are structurally sound, free from any laitance, oil, grease, curing compounds or release agents and any loose, foreign material. Thoroughly clean old surfaces or new surfaces (that have been treated) prior to further works.

For masonry substrates, or at elevated temperatures, it is recommended to prime or pre-soak areas with water. For very porous substrates, it is essential that Westbuild PRO™ General Purpose Primer is applied to the substrate to aid in adhesion. Due to a wide variety of substrates, refer to our website, or contact Westbuild for further preparation advice.

Mixing Always add powder to measured water. Always add dry Kwikcrete to water, and never water to Kwikcrete, as the mix starts to set within minutes and water will not be dispersed sufficiently.

Always mix by hand, and add powder to water, taking care to ensure the mortar is thoroughly mixed. Greater quantities of mortar should be mixed with a mechanical forced action mixer.

Kwikcrete is fast setting, so do not mix more than can be used within the working time of 10-15 minutes.

Always ensure this product is used within its normal working and setting times; If the product begins to set before placement, do not add more water as this will drastically reduce strength and performance.

Water Ratio Kwikcrete can be used in a mouldable or trowelable form. The consistency of the product can be adjusted to suit the application by altering the amount of water.

Consistency	Mouldable	Trowelable
Water Requirement	1.7 - 1.9 litres / 12kg pail	1.9 - 2.2 litres / 12kg pail

Maximum water requirement per 12kg pail is 2.4 litres



<u>Application</u>	Application temperature should be between 5°C and 35°C. In hot, dry or windy conditions all cement-based mortars must be protected against rapid surface drying and moisture evaporation.
<u>Drying Time</u>	Kwikcrete will begin to harden within 15 minutes. Surface finishing should be carried within 25 mins otherwise the product may become unusable.
<u>Cleaning</u>	Product should be removed from tools, mixing vessels and all equipment prior to Kwikcrete setting.

<u>Attention</u>	Kwikcrete is a fast setting mortar, typical strength can be less than 20MPa. Kwikcrete will begin to harden within 15 minutes. Surface finishing should be carried within 25 mins otherwise the product may become unusable. Do not mix Kwikcrete in a concrete mixer or wheelbarrow.
------------------	--

<u>Risk</u>	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.
-------------	---

<u>Safety Precautions</u>	A dust mask should be worn when handling the material. Contact with the eyes and repeated and prolonged skin contact should be avoided.
---------------------------	---

<u>Technical/Safety Data</u>	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.
------------------------------	--

<u>Disclaimer</u>	The use of this product is beyond the manufacturers control, and liability is restricted to the replacement of material should the product be proven faulty. The manufacturer and any affiliated companies are not, and cannot be held responsible for any loss or damage arising from the incorrect usage of the product. All workmanship must be carried out to the applicable Australian standards at the time of any works. The information contained herein is to the best of our knowledge true.
-------------------	--



Warranty

All Westbuild products are designed for use together as a complete system providing a guarantee our products will perform harmoniously and to specification. Our warranties demonstrate our ongoing commitment to the performance of our products and a promise of exceptional quality control.

Related Products

Westbuild PRO™ General Purpose Primer

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