



Sand & Cement

WESTBUILD General Purpose Sand & Cement is a blend of clean, sharp sand and Portland cement. A general purpose blend that can be used in many applications such as: general repair work, bulk fill cement patching, landscaping works, rendering or brick and block work repairs.

Advantages

- Easy to Use
- Lime Free
- Factory proportioned – the right mix every time
- Internal / external use
- Efficient and saves time
- Multipurpose use

****20kg Available in Rainproof Packaging**



Product Attributes

Uses

Recommended For For a tilers topping mix – Sand & Cement is an ideal blend (4:1)
Render projects
General repair work and brick/block repairs
Bulk fill cement patching
Landscaping
Certain plumbing work
Internal and External use
For more information on suitable substrates or substrates that are not listed above, please contact a Westbuild representative.

Performance Residential, commercial and industrial.

Packaging 20kg Rainproof bag (50 bags per tonne.) 60 bags per pallet (1200kg).
9.5kg DIY Poly-lined Paper Bag. 112 bags per pallet. 56 part pallet.

Coverage/Yield 20kg of Sand & Cement will cover approximately 1m² at a thickness of 10mm.

Shelf Life & Storage Westbuild Sand & Cement, in 20kg Rainproof Bags can now be stored outside in any weather conditions and can be stored for extended periods of time.
Westbuild Sand & Cement, in 9.5kg DIY poly-lined paper bag should be stored in a dry environment, off concrete floors in the original unopened bag for up to 12 months. High levels of humidity will reduce the shelf life of the product.



Installation

Surface Preparation

Surfaces must be free from all dust, oil, grease and all loose contaminating materials.

Curing compounds, concrete sealers, any surface laitance and any foreign material should be removed from the surface prior to the commencement of any patching, filling or repair.

If the surface to be coated with Sand & Cement is dry, slightly dampening the area will increase the bond strength and ease of finishing.

Water Ratio

Sand & Cement	Clean Water / Gauging Liquid
20kg	2 Litres

Mixing

WESTBUILD Sand & Cement is factory proportioned. For optimal ease of use, add the required gauging liquid to the powder at a controlled rate whilst blending the product to a workable, semi-dry mix. Creating a mound of Sand & Cement and slowly folding in the gauging liquid is the most effective and recommended practice.

A small addition of lime will add workability for repairs to brick/block work or as a cement render.

When using this product for a render or patching, Westbuild PRO™ Flexible Additive Fortifier & Primer should be used to assist in initial bonding and if enhanced strength and waterproof properties are desired.

Gauging Liquid	
Normal Strength	Clean potable water: use clean fresh water for all normal strength applications.
Improved Strength	Westbuild PRO™ Flexible Additive Fortifier & Primer and clean potable water: Adding a small amount of Westbuild PRO™ Flexible Additive Fortifier & Primer will provide a better overall result and a stronger with a more durable surface finish from feather edge to thicker finishes.
Greater Strength	The greater the proportion of Westbuild PRO™ Flexible Additive Fortifier & Primer, the more durable the end result.

If the Sand & Cement mix has started to dry before placement, then under no circumstances should more water be added to the mixture as this will greatly reduce the performance of the product. The hardened Sand & Cement needs to be discarded and fresh product mixed.

Application

Add the Sand & Cement Mix to a mixing vessel or smooth, non-porous surface.

Gradually add water and/or gauging liquid until the required consistency is achieved (do not add too much, or over water the product).

Mix thoroughly until a homogenous mix is achieved

Use the product within 15-30 minutes.



If the product begins to harden prior to use, do not add more water to the mixture as this will adversely affect the final performance of the cured product. Always discard the hardened product and re-mix a new batch.

Mix enough product that can be used within 15-30 minutes. If the product begins to harden, under no circumstances add more water to the mixed product as this will greatly reduce the strength of the finished product

Cleaning

Clean all tools and equipment immediately whilst the material is still wet.

Attention

Do not add sand, as this will significantly lower performance.

Do not over water creating a 'very wet mix' as this will lower the strength of the product.

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

Never add water to mixed product that is beginning to harden, as this will adversely affect the final strength of the cured product.

Avoid overworking the surface when floating or finishing you project.

For external use, always protect the area from direct sunlight and wind whilst Sand & Cement is drying.

Do not apply in temperatures above 36 degrees Celsius.

Risk

Sand & Cement is a cement based product. Wet cement can be irritating and corrosive to the eyes and skin. The repeated inhalation of dust containing Crystalline Silica may cause Bronchitis, Silicosis (scarring of the lung), Lung Cancer and increase the risk of Scleroderma. A dust mask should always be used when handling the material. Contact with the eyes, and repeated and prolonged skin contact should be avoided.

Safety Precautions

Avoid contact with the eyes and skin with proper use of suitable protective clothing with both wet and dry cements. Always wear a P1 or P2 dust mask suitable for particulates when exposed to dust.

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 PRO™ Flexible Additive Fortifier & 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.