



Product Data Sheet

UNI-RENDER

BCSC Uni-Render is a pre-blended drymixed acrylic modified cement rendering mix designed for use over new or old brick and block work, either internally or externally.

Uni-Render is designed to be used in thin layered applications (up to 10mm) and provide a grey-coloured cement render finish which has excellent bonding properties, easy to apply, and help reduce cracking. **Uni-Render** only requires the addition of water and oxide to colour.

Features and Benefits

- DIY Friendly. Simply add water and mix.
- Provides a trade quality rendering finish similar to that of normal bulk rendering mixes.
- Suitable for both internal and external wall rendering.
- Excellent bond strength. Greater water resistance.
- Can be trowel or bag finished.
- Acrylic based renders help reduce cracking in rendered walls.

Typical Applications

- Ideal for rendering over brick or block walls.
Note: Smooth surface bricks are not ideal as they do not provide the best "keying" surface for bonding of renders.
- Repairs to damaged concrete walls.
- Rendering over existing concrete and brick/block walls to give texture to the wall.
- Coloured with oxide to bag walls such as brick BBQ's, block retaining walls.

For the best results apply Uni-Render in layers of 3-4 mm in thickness, multi-layers to a maximum recommended thickness of 10 mm.

CAUTION (NOT FOR USE):

BCSC Uni-Render has not been designed for use on Blueboard (fibrecement sheeting) or metal surfaces. Such surfaces require a more flexible material.

IMPORTANT NOTES:

BCSC recommends the following practices when applying renders:

- DO NOT add air entraining agents or clay materials to **Uni-Render**.
- Always pre-wet the wall 24 hours before applying **Uni-Render**.

Rendering in hot dry and/or windy conditions can result in premature setting of renders and can lead to shrinkage cracking. Rendering in such conditions is not recommended.

- Applying a bonding agent (such as BCSC Bond'nSeal) onto existing concrete or brick surfaces is recommended to aid adhesion of renders to the surface.
- DO NOT apply directly over painted surfaces, remove all paint and ensure surface is clean and free of dirt and grease.

For more information please read our "Rendering Guidelines" publication prior to rendering.

Application

Ensure that the surface is clean and of materials such as grease, fungus, and dirt.

Mix the product by mechanical mixing methods to activate the polymer additive.

Mix approximately 2.8 to 3.3 litres of water per 20kg bag of **Uni-Render**, depending on application, in a suitable sized bucket.

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Firstly add approximately 75% of the water into the bucket and slowly add the contents of the bag, add the remaining water, mixing thoroughly to obtain a suitable workable mix. **DO NOT OVER WATER.**

Apply the mix to the surface using a steel trowel or float in a smooth even motion working from the base of the surface upwards.

Apply the mix with an initial pass with a trowel of no more than 5mm in thickness, followed by a second levelling pass. Allow the material to stiffen sufficiently and then screed off to a uniform surface. Apply more **Uni-Render** to level all areas as required.

Once the surface is uniform, level with a wooden or plastic float to produce a smooth even surface. The material can be bagged, sponged or brushed at this point to gain a desired finish.

Allow the render to cure for at least 5 days prior to applying any top coat, depending on the moisture levels of the surface. In cases of high moisture levels it is recommended to cure walls for 4 weeks prior to painting.

Apply a fine mist spray to help curing once the surface has initially hardened.

Coverage

Approximately 2.5 - 6 square metres per 20kg dependent on thickness of application and the type of surface being rendered.

Availability

BCSC Uni-Render is available in small 5kg handy packs and 20kg multiwalled paper sacks.

Cleanup & Storage

Clean all tools and equipment promptly with water after use.

The shelf life of **Uni-Render** is dependant on storage conditions. Store in a cool dry place. It is recommended to dispose of any unused product if it is more than 6 months old.

Safe Handling

This product contains cement chemicals and trace amounts of Hexavalent Chromium. Avoid generating dust. Use personal protection equipment against exposure and alkali burns. Wash product off unprotected skin immediately with water. The use of goggles, dust masks, barrier creams and rubber gloves is recommended.

Manual handling of 20kg bags without proper training may result in personal injury. Wherever possible use mechanical aids, share the load and practice safe lifting techniques.

For further safety information consult the Blue Circle Southern Material Safety Data Sheet for the product.



For more information please contact:

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Note: The information stated herein and all advice given should be taken as a guide only. Both are given in good faith and are to the best of our knowledge true and accurate and are intended to give a fair description of the product and its capabilities under specific test conditions. No guarantee of the accuracy or completeness of the information is made and persons receiving the information should make their own tests to determine suitability thereof in all respects for their particular purpose.