



Technical Data Sheet

HIGH BUILD RENDER

PRODUCT DESCRIPTION

Quikcote Light Weight High Build Render is a superior quality dry mix, cement based, polymer modified render containing washed and graded sand, light weight additives etc, Quikcote Light Weight High Build render has been designed specifically for irregular masonry wall surfaces, patching deep crevices and holes.

This light and fluffy render is easy to use and can be built up from 50mm thick in one application.

Quikcote High Build Render provides the ideal base for the subsequent application of variety of top coat's including Quikcote Textures and Top coats.



PRODUCT: LIGHT WEIGHT HIGH BUILD RENDER

PACKING	COVERAGE	THICKNESS
15Kg Bag	3-4 SqM/Bag	5mm
Application Method: Steel Trowel/Plastic float		
Drying Time: 7 days, max strength 28 Days		

SUITABLE SUBSTRATES

Suitable for masonry surfaces. Can be used to build on styrene, blue board and cement sheet once a base of QuikPatch has been applied.

- Clay Bricks and Concrete Bricks
- Concrete blocks
- Other similar masonry surfaces

SUBSTRATE PREPARATION

- Areas not to be coated should be masked and protected.
- All surfaces to be rendered must be dry, clean, sound and free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.

APPLICATION

Tools/Machinery Required: Hawk & Steel trowel, Polystyrene float, plastic floats, straight edge, sponge, power mixer, masking tapes, drop sheeting.

- Mix one (1) 15Kg bag of High Build Render to @ 3.5 – 4.5 litres of clean water using a power mixer.
- Add the Dry Mix water steadily while mixing with a power stirrer until the consistency is smooth and lump free.
- Allow the mix to stand for 5 minutes, remix before use or before adjusting consistency if required.

Brickwork & similar masonry substrates

- Apply a build coat of 6 to 10mm thickness.
- Work on a 1- 2m² areas and finish with a suitable straight edge or float.
- Work in this fashion until the whole area is flat and even.
- If required apply second coat, with each being no less than 4mm and up to 10mm thick, use a straight edge to level and finish with polystyrene float.
- If required, apply a finish coat of Quikcote Acrylic Render, once the finish coat/s have firmed slightly, rub-up with a plastic or polystyrene float to produce an even, uniform and smooth surface.
- Do not apply render over expansion joints
- High Build Render should be completely dry before application of top coat, ideally 7 days from date of application.

Technical Data Sheet

HIGH BUILD RENDER

Clean-Up

- Clean up with water

Important Notes

- General Guide to hardening/drying – render will reach maximum strength in 28 days from application.
- Product drying time will vary depending on the ambient weather conditions and substrate porosity and moisture content, avoid application on hot surfaces or in hot windy conditions
- Check local weather conditions before application. Do not apply if poor weather is anticipated .product should be applied at ambient and substrate temperature of between 10degree C and 30 degree C and where the temperature is at least 5 degrees above the ambient dew point (or relative humidity of below 50% as an alternate guide).
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost and severe weather conditions until fully dried.
- Primer/ Paint coatings should not be applied to mineral coating until sufficiently hardened and dried.

TECHNICAL DATA

Appearance: Sandy Dry Powder with polystyrene beads, off white/Grey with slight odour.

Type: HE Cement based mineral binder plus polymer

Bulk Density: 1400 - 1650 Kg/m³.

Particle Size: <3mm

Flammability: Not Applicable.

OTHER CONSIDERATIONS

Shelf-Life – Unopened Bags

Maximum 1 year from date of manufacture when stored in dry condition.

Transport & Storage

Store in a dry place, off floor level, preferably on pallet.

SAFETY AND HANDLING

This material is hazardous according to criteria of NOHSC.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

For further information or Material Safety Data Sheet on Quikcote High Build Render, please call (03) 9303 7791 or visit www.quikcote.com.au

Please Refer to Material Safety Data Sheet before use;

When working with Render observe the usual precautions for handling cement based products, including the following;

- Avoid inhalation of the dust, wear suitable respiratory protection mask, avoid prolonged skin contact with wet mortar and eye contact (contains sand based crystalline silica and alkaline cement)
- Wear protective clothing to minimize skin contact and wear goggles where splatter is likely



FIRST AID MEASURES

Ingestion

If swallowed, wash out mouth with water. Do **NOT** induce vomiting. Drink at least two (2) glasses of water. Seek medical attention.

Technical Data Sheet

HIGH BUILD RENDER

Eye

Wash with copious amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. Seek medical attention.

Advice to Doctor

Treat symptomatically

- This product should be used in accordance with directions which are only a guide. Quikcote accepts no responsibility for inappropriate use or faulty workmanship. All mineral earth based aggregate /course filler based renders and textures will contain a low percentage of carbon and/or ferrous contaminants and can occasionally spot the surface. All care is taken in raw material selection to minimize such effects. Quikcote accepts no responsibility for this occasional occurrence.

WARRANTY & LIMITATIONS

Please refer to Manufacturer's Warranty documentation;

The liability of Quikcote Victoria Plaster Technologies Pty Ltd (Quikcote) for any loss, damage or other expenses (whether incurred directly or indirectly) in connection with use of Quikcote High Build Render is limited to as under;

- Quikcote provides a material only replacement warranty caused by any defect in manufacture when used in conjunction with the full Quikcote Wall-Coating System for a period of ten years when applied correctly by a skilled and experienced applicator in accordance with all current application recommendations as per and the Quikcote Wall coating System composition recommendation, including but not limited to, substrate type and preparation, application rates and methods, prevailing weather conditions and protection of finished work. Application dates, quantities must be recorded and supplied as a minimum to commence potential product failure investigation.
- Quikcote provides no warranty, expressed or implied, against damage or cracks due to movement of the substrate or structure.

Disclaimer:

The information and recommendations contained herein are based on tests and data believed to be reliable and are issued for your guidance. However we cannot accept any responsibility for the results as the use and application of the product is beyond our control.