

## Technical Data Sheet

## ACRYLIC DRY RENDER

### PRODUCT DESCRIPTION

Forming part of the Quikcote Wall coating system, Quikcote Acrylic Dry Render is a superior quality cement based, polymer modified render containing washed and graded MEDIUM, COARSE OR FINE sand, acrylic powder and proprietary additives. It is a general purpose render and is suitable for all exterior & interior masonry wall rendering and patching requirements. Quikcote products are manufactured to stringent quality standards, from the highest quality raw materials available, all of which are blended to accurate specifications to ensure product performance and reliability is "built into every bag, every time"! Quikcote Acrylic Dry Render provides the ideal base for the subsequent application of variety of top coat's including Quikcote Textures and Top coats.



ACRYLIC DRY RENDER IS PRODUCED IN FINE, MEDIUM & COARSE GRADES

ACRYLIC DRY RENDER GRADES			
TYPE	PACKING	COVERAGE	THICKNESS
FINE	20Kg Bag	5-6SqM /Bag	@2 - 4mm
MEDIUM	20Kg Bag	5SqM/Bag	@3.5 - 5mm
COARSE	20Kg Bag	5SqM/Bag	@3.5 -5mm
<b>Application Method:</b>			
Trowel-on >Steel Trowel/Foam Float			
<b>Drying Time:</b>			
7 days, max strength 28 Days			

### SUITABLE SUBSTRATES

- 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) 20kg bag of Acrylic Render to @ 3.5 - 4 litres of clean water using a power mixer.
- Add the Dry Mix 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**

#### Application of Acrylic Dry Render 'Medium' & 'Coarse'

- Apply a build coat (base coat) of 3 - 4mm thickness
- Work on a 1- 2m<sup>2</sup> areas and immediately finish with a suitable straight edge or float.
- Work in this fashion until the whole area is flat and even
- Apply second and subsequent coats (finish coat) as required, with each being no less than 2mm and up to 5mm thick.
- Once the finish coat/s have firmed slightly, rub-up with a wooden, sponge or polystyrene float to produce an even, uniform and smooth surface.
- Do not apply render over expansion joints



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- Acrylic Render should be completely dry before application of top coat, minimum 3 days and ideally 7 days for from date of application.

### Application of Acrylic Dry Render 'Fine'

Generally suitable for skim-coat application and fine finish

- Apply skim-coat using a steel trowel, with each being no less than 2mm and up to 4mm thick.
- Once the coat has firmed slightly, rub-up with a wooden, sponge or polystyrene float to produce an even, uniform and smooth surface.
- Do not apply render over expansion joints
- Acrylic Render should be completely dry before application of top coat, ideally 7 days from date of application.

### **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, off white/Grey with slight odour.

Type: Cement based mineral binder plus polymer

Specific Gravity: 2.57-2.6 Kg/L.

Bulk Density: 1600-1850 Kg/m<sup>3</sup>.

Particle Size: Fine<1mm, Med & Coarse<2mm

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 Acrylic Render, please call (03) 9303 7791 or visit [www.quikcote.com.au](http://www.quikcote.com.au)

**Please Refer to Material Safety Data Sheet before use;**

When workings 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





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### 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.

#### **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 Acrylic Dry 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.