

# Technical Data Sheet

## Grey Board Render



15A Malcolm Crt, Kealba 3021

(03) 9364 4489

ultra.tex@hotmail.com

ABN: 50 119 993 412

### Description

Ultratex Grey Board Render is a superior quality dry mix, cement based, high polymer render containing washed and graded medium silica sand, superior grade acrylic powder and proprietary additives.



### Uses

Ultratex Grey Board Render provides the ideal base for the subsequent application of variety of top coat's including Ultratex Decorative Textures and Top coats.

**Made to be applied on Polystyrene panels.**

### Features and Benefits

- Strong adhesion, Resistance to Mould and Algae
- Excellent flexibility and crack resistance

### Suitable Substrates – when properly prepared

- Polystyrene Panels
- Pre cast panels (required to add UltraBond to mix)
- AAC-Autoclaved Aerated Concrete Blocks and Panels (required to add UltraBond to mix)

### Surface Preparations

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

### Application

- Mix one (1) 20kg bag of Grey Board Render to @ 3.5 - 4 litres of clean water using a power stirrer.
- 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.

#### For Polystyrene Panels:

- Apply a 3-5mm basecoat of Grey Board Render onto the panel using a steel trowel with enough pressure to adhere the product. Whilst the base coat is wet embed a full layer of alkali resistant 160gm/m<sup>2</sup> (5mm x 5mm) fibreglass mesh ensuring that the mesh pieces overlap by a minimum of 100mm at mesh joints. Panel joints should be evenly covered with the same embedded mesh (avoid overlap of mesh joints near the main panel joint). Strips of mesh at 45 degree angle or equivalent, 300mm long by 100mm wide, should be embedded across the corner of all window and door openings.
- In the same sequence apply another coat of Render at a thickness of 3-5mm. On setting use a polystyrene float, finish the surface to produce a even, uniform and level surface
- Minimum 6mm thickness should be achieved for both the coats.

#### For Fibre Cement Sheet:

- Ensure the fibre sheet joints are complete with Ultratex Wet Patch Fine grade by using a 50mm mesh embedded into the render and flushed to surface.
- Apply first base coat of Grey Board Render of 3 - 5mm thickness across the board with a steel trowel.
- Work on a 1- 2m<sup>2</sup> at a time, once the finish coat/s has firmed slightly, rub-up with a polystyrene float to produce an even, uniform and smooth surface.
- Apply second skim coat @ 3-4mm and float off to an even and level surface.

Type	Packing	Coverage	Thk
Medium	20Kg Bag	3.5- 4.5 SqM/Bag	3 – 5mm

<b>Application Tools</b>	Steel Trowel, Float, straight edge
<b>Clean Up</b>	Clean all with water after use
<b>Appearance</b>	Coloured gritty viscous liquid paste

<b>Drying Time (25°C &amp; 50% RH)</b>	Tack Free	Over-coat	Fully Dry
	2Hrs	24Hrs	7 Days

<b>No. of coats</b>	1 - 2
<b>Gloss levels</b>	Matt
<b>Specific Gravity</b>	~ 1.5-1.8
<b>Thinner</b>	Water – not recommended
<b>Shelf Life</b>	24 months from date of mfg (sealed)

## Important Information

- Do not apply render over expansion joints
- Grey Board Render should be completely dry before application of top coats, minimum 3 days and ideally 7 days from date of application
- General Guide to hardening/drying –Allow 1 day per mm thickness (render will reach maximum strength in 28 days from application)
- Avoid application in full sun, on hot surfaces or in hot windy conditions, application should be carried out on a day with temperatures above 10°C and below 30°C
- Primer/Top coat/ Paint should not be applied to mineral coating until sufficiently hardened and dried

## Safety and Handling

Refer to Material Safety data sheet and warranty document before use

- Wear protective clothing to minimize skin contact and wear goggles where splatter is likely, refer to Material Safety Data Sheet and Warranty Document before use.
- 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).

For further information on Material Safety Data Sheet, please call (03) 9364 4489 or visit [www.ultratexvic.com.au](http://www.ultratexvic.com.au)