

# Technical Data Sheet

## High Build



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### Description

ULTRATEX "High-Build" Render is superior quality dry mix, cement based, polymer modified render containing washed and graded silica sand, and light weight additives.



### Uses

High-Build render is generally used for achieving thickness to 10mm and greater, as it is a light weight render, higher thickness will not substantially increase the weight on the substrata.

### Features and Benefits

- Strong adhesion, Resistance to Mould and Algae
- Excellent flexibility, crack resistance and has good vapour permeability, tint-able to extensive colour range

### Suitable Substrates – when properly prepared

- Clay and Concrete Brickwork
- Concrete blocks
- 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; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.

### Application

- Mix one (1) 16kg bag of High Build Render to @ 3.5 - 4 litres of clean water using a power stirrer. (Add Ultra Bond to water where necessary)
- Add the Dry Mix to 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- 2m<sup>2</sup> 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.
- Apply a finish coat of Ultratex Texture (any), once the finish coat/s have firmed slightly, rub-up with a wooden float, sponge or polystyrene float to produce an even, uniform and smooth surface.

### Important Information

- 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/Topcoat/ Paint should not be applied to mineral coating until sufficiently hardened and dried

Type	Packing	Coverage	Thk
Fine	20Kg Bag	5SqM /Bag	@2 - 4mm
Medium	20Kg Bag	4-5SqM/Bag	@3.5 - 5mm
Course	20Kg Bag	3-4SqM/Bag	@3.5 - 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</b>	Tack Free	Over-coat	Fully Dry
(25°C & 50% RH)	2Hrs	24Hrs	7 Days

<b>No. of coats</b>	Generally two coats
<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)

## 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)