

Product Data Sheet

Drymix Hi-Build Render

MUL-PDS: 004
BASE RANGE

PRODUCT DESCRIPTION

Forming part of the Multitex Wall coating system, Multitex's DryMix "Hi-Build" Render is superior quality cement based, polymer modified render containing washed and graded silica sand, additives and polystyrene beads. Hi-Build render is generally used for achieving thickness greater than 10mm, as it is a light weight render, higher thickness will not substantially increase the weight on the substrata. Multitex's DryMix 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"! Multitex render provides the ideal base for the subsequent application of variety of top coat's including Multitex Decorative Textures and Finish range coatings.

SUITABLE SUBSTRATES

(When properly prepared and primed)

- Clay and Concrete Brickwork
- Concrete blocks
- Pre cast panels
- AAC-Autoclaved Aerated Concrete Blocks(Hebel®)

SUBSTRATE PREPARATION

- Areas not to be coated should be masked and protected.
- All surfaces to be rendered must be 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.
- If the substrate is not primed, it may be necessary to 'wet down' or 'dampen' the surface prior to rendering, particularly if the substrate is porous and water absorption is likely.
- Priming is recommended with *MultiGrip* in case of chalky, highly absorbent (clay bricks), old render and painted substrates prior to application of render.

APPLICATION

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

- If the surface is un-primed it is recommended to slightly damp the surface before applying render.
- Mix one (1) 16kg bag of Multitex Dry Mix "Hi-Build" Render to @ 3 – 3.5 liters of clean water using a power stirrer.
- 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 & common 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 8mm thick.
- Apply a finish coat of either medium or coarse render, 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.

Pot Life

- When mixed with water the maximum pot life is two (2) hours, do not add more water to extend pot life as this will reduce the strength and durability of the finished render.

Clean-Up

- Clean up with water

Important Notes

- Do not apply *Render* on unprotected surfaces when rain is anticipated within 6 hours of completion of the day's work, longer in damp, cold +/-or humid conditions
- 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
- 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.
- General Guide to hardening/drying –Allow 1 day per 2 mm thickness (will reach maximum strength in 28 days from application)
- DRYMIX "HI-BUILD" RENDER IS NOT SUITABLE FOR USE OVER FIBRE CEMENT SHEET

PACKING:

Type: Paper Sack/Bag
Weight: 16Kg net per Bag

Product Data Sheet

Drymix Hi-Build Render

MUL-PDS: 004
BASE RANGE

COVERAGE

RENDER TYPE	Sq. M / 16KG BAG	APPLICATION THICKNESS MM
HI-BUILD	1.5 -1.8	6 - 10

TECHNICAL DATA

- Appearance: Powder, off white/grey with slight odour.
- Application: Hawk & trowel
- Specific Gravity: 1.56 kg/L
- Bulk Density: 1400kg/m³.
- Particle Size: <4mm.
- Flammability: Not Applicable.
- Solubility in water: Slight, hardens on mixing with water.
- Render Re-coat:~24hrs.

OTHER CONSIDERATIONS

Shelf-Life – Unopened Bags

Maximum 1 year from date of manufacture when stored in dry conditions

Transport & Storage

Keep Dry, off floor level and 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 please call (03) 9484 0586 or visit www.multitex.com.au

Please Refer to Material Safety Data Sheet before use;

When working with Render observe the usual precautions for handling cement based mortars & renders including:

- 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)
- 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.

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

LIMITATIONS

The liability of Multitex Corporation Pty Ltd for any loss, damage or other expenses (whether incurred directly or indirectly) in connection with use of Multitex Render is limited to as under;

- Multitex Corporation Pty Ltd provides a material only replacement warranty caused by any defect in manufacture when used in conjunction with the full Multitex Wall-Coating System for a period of seven years when applied correctly by a skilled and experienced applicator in accordance with all current application recommendations as per and the Multitex Wallcoating 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, product batch numbers and quantities must be recorded and supplied as a minimum to commence potential product failure investigation.
- Multitex provides no warranty, expressed or implied, against damage due to movement of the substrate or structure.
- Whilst Multitex takes every care to ensure that any impurities in the Product are eliminated at the time of manufacture, components of the product are natural materials including sands or mineral earths which may occasionally result in minor visual blemishes, Multitex shall not be liable for any such blemishes.

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.

