



Product Data Sheet

Membrane

FINAL COAT RANGE – TOP COAT

Description

Multitex Membrane is an extremely weather resistant highly flexible water-based acrylic coating that can produce a range of smooth or textured finishes. The system is specifically prepared for application using a roll-on technique and has two different textures to choose from – *Fine and Coarse*. Fine and Coarse are the same material but by using different types of rollers you can achieve a fine finish or a coarse finish. It can also be applied using a nap roller on rendered or textured surfaces to give paint like finish. It resists extremes of weather and atmosphere attack and shows a high resistance to moulds and fungi.

Uses

Membrane is an acrylic rubber-like coating, which has been formulated for use on all porous surfaces including concrete, fibrous cement sheeting, brickwork and render. For decorating, restoring and protecting exterior and interior walls, balustrades, beams and columns. It has a great variety of interesting textural effects and colour combinations. It is highly resistant to water and weather with no joints or seams and maximum elasticity. It is a system product of the Multitex Wall-Coating system.

Features and Benefits'

- Safe & Easy to apply, water based
- Easy & safe water clean up
- Excellent resistance to UV, weathering, carbon dioxide and chloride ions.
- Tint-able to an extensive range of colours
- Excellent water resistance
- Excellent flexibility, accommodates minor cracking of substrate
- Excellent durability
- Strong adhesion

Suitable Substrates – when properly prepared and primed

- Cement Render & other rendered surfaces
- Clay and Concrete Brickwork
- Concrete blocks
- Concrete Tilt Panel
- Off-form concrete
- Fibrous Cement Sheeting (Fibro/Blue board)

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.
- In case of Concrete Tilt-up or Pre-cast panels ensure and confirm Bond Breaker/mould release agents are present or not, if present use MultiBreak to first remove the Bond Breaker before applying Membrane.(refer to MultiBreak data sheet)
- All substrates other than freshly applied texture must be primed, normally with Multi Prime.
- Where substrates are chalky &/or prone to dusting MultiGrip must be used.

Application

- Mix thoroughly before use.
- Membrane may be applied by brush, roller and airless spray. A 30mm nap roller is used depending on the type of surface being coated, for texture effect use “fine” or “coarse” texture roller.

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- Typical Airless Spray set up is: Graco Ultra 500 using 23-25 thou spray tips at approx. 1500 psi.
- Apply one coat of Membrane evenly and let it dry for 24 hour before recoating. (drying time depends on thickness)

Dry Time (25°C & 50% RH) (approx)	Tack Free	Recoat/Overcoat	Fully Dried
	2-4hrs	4-5 hours	7 days

Application Method



Clean Up

Clean all equipment with water after use.

Important Information

- Membrane must only be applied in air temperatures between 10°C and 30°C on a dry substrate and must be protected from rain and frost for the first 24 hours or finished work must be protected from rain, frost and severe weather conditions until fully dried.
- Avoid application in full sun or hot, windy conditions.
- Apply at recommended spreading rate to ensure optimum performance.

Do not apply Membrane on concrete panels directly if concrete panels are coated with Bond Breaker/mould release agents.

**This product is not recommended for Floors*

Packing

15 Litre Pail/Drum

Coverage

*1.6 to 4SqM/L

*25 to 60SqM per 15L pail/bucket

Nap roller-60SqM per pail

Fine Texture Roller- 30SqM per pail

Coarse Texture Roller- 25SqM per pail

*Coverage rate will vary depending on the nature and porosity of the substrate.

Properties and application data

Appearance: White or coloured viscous liquid.

Type: Water Based acrylic co-polymer emulsion

Gloss Level: Low Sheen

Specific Gravity (nominal): ~1.34 – 1.35

Volume Solids: @51.00%

Weight Solids: @ 63.00%

Number of Coats: 1 or 2

Wet film per coat: min100 µm to 750 µm per coat

Dry film per coat: 51 µm to 380 µm

Thinner: Not recommended

Flammability: Non Flammable

Colour ~ Can be machine tinted to an extensive colour range, matched or can be factory tinted to order.

Toxicity ~ Lead free. Dry film is non-toxic and conforms to AS1647.

Shelf life (unopened pails) ~ 24 months from date of manufacture.

Safety, Handling and Technical support

MSDS No.:

Refer to Material Safety Data Sheets before use.

For further information on MSDS and technical

support, call the Tech – Info line on

(03) 9480 8888 or visit www.multitex.com.au

When working with Membrane observe the usual

precautions for handling acrylic water based

products including:

- Avoid inhalation of the vapour, prolonged skin contact and particularly eye contact
- Wear protective clothing to minimize skin contact and wear goggles where splatter is likely
- Where spills occur, soak up liquid spillage with sand/sawdust and dispose



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of in a sensible manner. Do not permit run-off to sewer, storm water or open bodies of water.

- Full pails are HEAVY. Wear protective footwear and seek assistance if necessary.
- Storage- no specific issues, store away from food and drink.

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.

Transport and Storage

Pack size: 15 Litre net in Plastic Pail

Weight: @20.50 Kg net

Flash point: NA

UN Number: NA

Dangerous Goods Class: NA

Package Group: NA

Shipment Name : Non- dangerous goods. No special transport requirements.

Storage: Store in a cool place with lid pressed in, above 4°C and below 35°C, do not stack more than three high.

Limitations

- 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 ten 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 cannot accept responsibility for variations in colour, strength, appearance or workability resulting from on-site mixing procedures and substrate conditions. Please check the colour before use, the applicators is responsible for applying the correct colour.
- Multitex provides no warranty to colour fastness towards fading for dark yellows, organic red's and other colours based on certain pigment dispersions, it is the responsibility of the customer/applicator to ensure with Multitex the light fastness of the colour before placing order.

- Multitex provides no warranty, expressed or implied, against damage due to movement of the substrate or structure.

Disclaimer

The information provided herein is considered correct at the time of publication. It is the responsibility of those using this information to check that it is current prior to specifying or using any of the products or coating systems. Any advice, recommendation or information provided by any of the officers of Multitex Corporation Pty Ltd in relation to goods manufactured by it for their use and application, is given in good faith and is believed by Multitex Corporation Pty Ltd to be appropriate and reliable. However, this advice, recommendation and information are provided without liability or responsibility without excluding or limiting responsibility under relevant Government acts.