



Product Data Sheet

Multitex Shield

FINAL COAT RANGE-TOPCOAT

DESCRIPTION

Multitex Shield is a pigmented, water based 100% acrylic coating available in matt and low sheen finishes, it consists of high quality tint bases, formulated using premium water based pure acrylic binder, titanium dioxide pigment, quality mineral extenders, proprietary additives and a powerful fungicide. It is a system product for the Multitex Wall-Coating System.

USES

Multitex Shield is used as an Exterior Protective Finish coat for the Multitex Wall Coating system and as a durable exterior coating for various masonry substrates. It substantially upgrades the overall coating system durability & ensures greater colour consistency, especially over large areas. It significantly improves washability, reduces dirt accumulation, pollution and chemical attack especially on high profile textured coatings. The product is supplied as tint bases to distributors and in tinted, ready to use form to end users.

FEATURES AND BENEFITS

- Water based
- Easy to apply
- Excellent water resistance
- Strong adhesion
- Good flexibility
- Excellent exterior durability
- Excellent resistance to UV, weathering, carbon dioxide and chloride ions.
- Tint-able to an extensive range of colours
- Easy & safe cleanup
- Low maintenance
- Coating warranty when correctly applied as per Multitex recommended system

PERFORMANCE AND DURABILITY

Weather - Excellent resistance to cracking, flaking and chalking as a topcoat of a full system.

Salt - Resists salt spray.

Heat - Up to 90C (dry).

Water- Contributes to outstanding moisture barrier properties of full texture systems.

Solvent- Resists alcohol and aliphatic hydrocarbons. Sensitive to other stronger solvents.

Abrasion- Very good resistance to abrasion.

Acid- Resists dilute acids.

Alkali- Resists dilute alkali.



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SUITABLE SUBSTRATES – when properly prepared and primed

- Cement Render
- AAC (Autoclaved Aerated Concrete)
- Fibre Cement Sheeting (Fibro/Blue board)
- Rendered expanded polystyrene
- Clay and Concrete Brickwork and Blocks
- Texture Coat
- Tilt panel walls
- Softwood timber
- Other primed exterior surfaces

PROPERTIES, APPLICATION & TECHNICAL DATA

Packing: 15 Litre plastic pail/drum

Appearance: White or Coloured Viscous Liquid. **Type:** 100% Water Based acrylic emulsion

Gloss Level: Matt & Low Sheen

Thinner: Not recommended

Volume Solids: @45.0

Specific Gravity: (nominal) ~1.2 to 1.37

Coverage~ 6 SqM/L @ 90 SqM per 15L pail/bucket

Number of Coats: 2

Wet film per coat: Recommended 150µm

Dry film per coat: Recommended 67.5µm

Dry Time (25°C & 50% RH) (approx)	Tack Free	Recoat/ Overcoat	Fully Dried
	1hour	After 2hours	7 days

Colour ~ Can be machine tinted to a dark colour range or factory tinted to order.

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

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

Application Method   

 **Clean Up**

Clean all equipment with water after use.

APPLICATION GUIDE

Surface Preparation

Note: If applying Multitex Shield over freshly applied texture, no further priming is required;

Ensure the texture coating is completely dry, especially during winter. The textured surface should be clean and of uniform texture and appearance.



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- 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.
 - All substrates other than freshly applied texture must be primed, normally with Multi Prime. Where substrates are chalky &/or prone to dusting, Multi Grip must be used.
 - Apply the Multi Primer or Multi Grip and allow to dry (approx 45mins)
 - Please refer to data sheet of Multi Prime prior to using Multitex Shield for substrate preparation before using Multitex Shield.

Application Procedure and Equipment

- Mix thoroughly with a broad, flat stirrer, using an upward lifting action, or power mixer.
- Multitex Shield may be applied by brush, roller or airless spray. A 10-20mm nap roller is used depending on the type of texture or surface being coated.
- Typical Airless Spray set up is: Graco Ultra 500 using 0.019-0.021 spray tip at approx. 1000 psi.
- If using a roller, roll the coating in one (1) direction only, to avoid cross masking of layers. Brush and roll at the same time to avoid picture framing.

Important Information

- Multitex Shield 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.

SAFETY & HANDLING

MSDS No.:

Refer to MSDS for Multitex's Multitex Shield before use. For further information on Material Safety Data Sheets, call the Tech – Info line on (03) 9480 8888 or visit www.multitex.com.au

When working with Multitex Shield 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 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.



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Advice to Doctor

- Treat symptomatically.

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 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, 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.

TRANSPORT AND STORAGE

Pack size 15 Litre

Flash point NA

Weight max @20.5 Kg

UN Number NA

Dangerous Goods Class NA

Package Group NA

Shipment Name ~ Not dangerous goods. No special transport requirements.

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

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.