



TECHNICAL DATA SHEET

ULTRASHIELD 3in 1 UNDERCOAT

DESCRIPTION: SHIELDCOAT ULTRASHIELD 3in1 UNDERCOAT is a premium quality, high performance, water based fast drying, all-purpose primer, sealer and undercoat with outstanding hiding, filling and sanding properties.

RECOMMENDED USE: As an undercoat applied directly over bare timber, as a sealer for wallboards (e.g. paper faced plasterboard), or as a primer for galvanised steel. ULTRASHIELD 3in1 UNDERCOAT is recommended for repaint over aged enamel to provide a sound bond for other water based topcoats. Suitable for exterior applications when used as a primer for timber or on previously painted surfaces. ULTRASHIELD 3in1 UNDERCOAT can also be used under both water based finishes and oil based enamels.

APPLICATION PROCESS: Surface must be clean, sound and dry before proceeding! Shieldcoat recommended surface preparation is crucial and is the responsibility of the Builder /Contractor/Applicator. Weather conditions must be considered and deemed suitable before proceeding. High humidity will affect drying and recoat times.

Dust down bare wallboards and interior timber. New concrete and cement render must be allowed to cure for 28 days before painting. Weathered timber must be sanded back to a sound surface

Masonry, Brick and Fibro

Apply one coats of ULTRASHIELD 3in1 UNDERCOAT directly to surface.

New Bare Timber

Fill imperfections with an acrylic timber filler (not Linseed Oil Putty). Apply one coat of ULTRASHIELD 3 IN 1 primer undercoat.

Pre-primed Timber

Shieldcoat recommends testing the adhesion of the primer to the timber to determine if the primer is suitable for painting. Cut a small "x" through the existing coating with a sharp blade. Press adhesive tape firmly across the cut and then rip off the tape. If any of the existing coating comes off it is unsound and must be removed by sanding. Apply one coat of ULTRASHIELD 3in1 UNDERCOAT.

Galvanised Iron

Degrease new galvanised iron. Wash aged and weathered galvanised iron with a mild detergent solution and rinse with fresh clean water. Apply one coat of ULTRASHIELD 3in1 UNDERCOAT.

Thinning & Clean Up

Thinning is not recommended. Clean equipment with water immediately after use.



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RECOMMENDATIONS AND PRECAUTIONS

Ensure that appropriate workplace health and safety methods and PPE are used when working with this product.

Ensure adequate ventilation when using this product.

Care and Maintenance: Protect the coating from abrasive contact for 10 days. Wash down periodically with a mild detergent solution to refresh and preserve the coating.

MSDS: Available on request or download from the Shieldcoat website. www.shieldcoat.com.au

DISCLAIMER: Shieldcoat advises that the applicator of this product is responsible to determine and verify its suitability for the intended use prior to application. The data and recommendations contained within this document were true and accurate at the time of writing.



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TYPICAL PROPERTIES:

Finish: Flat

Sizes: 4,10, 15 litres

Volume solids: 50% average**

Theoretical spreading rate: 14 m²/ Litre

Optimum application temperature: 10°C TO 35°C

Touch Dry: 30 minutes*

Recoat: 2 hours *

Full Cure: 10-14 days*

Shelf life: 24 Month

*All figures are quoted at 25° Celsius and 50% Relative Humidity.

**Solid content varies depending on the Base.

APPLICATION DETAILS / GUIDE

Application method: Airless spray / Brush / Roller

Thinner: Not recommended (use Shieldcoat Hot Weather Additive sparingly)

Airless Tip Size: 517

Clean up: Water

Indicated film thickness, wet: 70 microns (WFT)

Indicated film thickness, dry: 35 microns (DFT)

Coats Required: 2 (Minimum)

HEALTH AND SAFETY

Contact Poisons Information Center on Phone: 13 11 26 or a doctor.

Ingestion: Do not induce vomiting. Give water to drink. Seek medical assistance.

Eye Contact: Flush eyes using eye baths until irritation subsides. Seek medical assistance.

Inhalation: Remove to fresh air. Seek medical assistance

Skin Contact: Wash thoroughly with soap and water. Launder clothing before reuse. Seek medical assistance if irritations persist.

Medical attention: Treat symptomatically.

First Aid Facilities: Eye Baths, safety showers.