

# All Purpose Primer Undercoat

## Technical Data Sheet

Version 1.0

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## 1. Product Description

All Purpose Primer Undercoat is a premium acrylic primer designed for use on a wide variety of exterior and interior substrates including timber, masonry, concrete, and fibre-cement board. It provides excellent adhesion, strong hiding power, and a smooth surface for subsequent topcoats. Suitable for use under both acrylic and solvent-based enamel systems.

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## 2. Recommended Use

- Exterior timber, masonry, concrete, and fibre-cement board
  - Interior timber and masonry surfaces
  - General-purpose priming before acrylic or enamel topcoats
  - Areas requiring fast drying and strong holdout
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## 3. Key Features and Benefits

- Excellent adhesion to common building substrates
  - Very good coverage and hiding power
  - Smooth finish for topcoat application
  - Fast drying and quick recoat time
  - Suitable under solvent-based enamel finishes
  - Tintable to light and mid-tone colours
  - Easy water clean-up
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## 4. Safety and Handling

Read all container labels before use and follow normal safety procedures.

Refer to the Safety Data Sheet (SDS) for detailed instructions on:

- Personal protective equipment
  - Ventilation requirements
  - Spill and disposal procedures
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## 5. Product Information

**Resin Type:** Hybrid Acrylic Emulsion

**Solvent:** Water

**Colour:** White, may be tinted

**Finish:** Eggshell

**Drying Time @ 18 °C:** 1 hour

**Recoat Time:** 2 hours

**Recommended Dry Film Thickness:** 50 µm minimum

**Number of Coats:** 1–2

**Theoretical Coverage:** 14 m<sup>2</sup> per litre

**Primer Needed:** None

**Thinning & Cleaning:** Thin only to suit application method; clean with water

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## 6. Surface Preparation

- Remove all loose or flaking paint, dust, oil, grease, and contaminants.
  - Treat mould or fungus with Paint Tech Moss & Mould Kill.
  - Water blasting at 3000 psi is recommended for exterior cleaning.
  - Sand new timber smooth and remove dust prior to coating.
  - Fill nail holes, cracks, and imperfections with suitable filler.
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## 7. Application Details

May be applied by brush, roller, or spray.

- Thinning with water is recommended **only** for spray application.
  - Apply evenly and avoid overspreading to maintain film build.
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## 8. Application Conditions

- Do not apply when temperature is below, or expected to fall below, 10 °C.
  - If left uncoated for more than 7 days, lightly sand before applying topcoats.
  - A test area is recommended for difficult-to-prime surfaces.
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## 9. Drying and Recoating

**Touch Dry @ 18 °C:** 1 hour

**Recoat:** 2 hours

Drying may be slower in cold or humid conditions.

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## 10. Performance Summary

- Strong adhesion to plaster, wood, concrete, and similar substrates
- Fast drying and good holdout for topcoats
- Can be overcoated with acrylic or solvent-based enamel finishes

Limitations:

- Not suitable for application below 10 °C
  - May require sanding if exposed for extended periods before topcoating
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## 11. Storage and Shelf Life

Store sealed in a cool, dry area away from direct sunlight.

Keep containers tightly closed when not in use.

Shelf life: 24 months when stored correctly.

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## 12. Environmental Information

- Water-based formulation
  - Easy water clean-up
  - Dispose of product and containers in accordance with local regulations
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## 13. Disclaimer

Information is offered in good faith based on current knowledge. No warranty is expressed or implied regarding suitability for specific applications. Users must confirm product suitability before use.

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