

Resene Enamel Undercoat General Purpose

Resene Enamel Undercoat is a blend of special alkyd resins balanced with unique pigments. An easy brushing, quick, hard drying undercoat with exceptional flow and sanding properties.

Interior/Exterior

Typical uses

- All exterior and interior prepared surfaces
- Architraves
- Bathrooms
- Fibre and particleboard
- Furniture
- Hardboard
- Kitchens
- Laundries
- Paperfaced plasterboard
- Skirtings
- Suitably primed metals
- Timber doors
- Wallboards
- Weatherboards

Information contained in this Data Sheet is re-validated every two years following issue date. Please ensure the current Data Sheet and Material Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.

Vehicle type	Alkyd
Pigmentation	Titanium dioxide/fillers
Solvent	Mineral turps
Finish	Low sheen
Colour	White and colours off-white
Dry time	4-6 hours at 18°C
Recoat	12 hours
Primer required	Yes, on exterior timber, metal, hardboard, particle and fibreboard
Theoretical coverage	12 sq. metres per litre
Dry film thickness	42 microns at 12 sq. metres per litre
Usual no. of coats	1-2
Chemical resistance	Fair
Heat resistance	Good
Solvent resistance	Good
Sanding properties	Excellent
Durability	Excellent when overcoated
Thinning and clean up	Mineral turps
VOC	c. 320 grams per litre (see Resene VOC Summary)

Physical properties

Performance	
Limitations	

Performance

Performance and limitations

1. Extremely good flow and sanding properties.
2. Excellent adhesion to timber substrates and old painted surfaces.
3. Available in colours suitable for use under all Resene Total Colour System colours to facilitate perfect hiding and finish.
4. Designed with a low sheen to give exceptional enamel hold-out.
5. Suitable for overcoating with most finishing systems, such as Resene Super Gloss (see [Data Sheet D32](#)) and Resene Lusta-Glo (see [Data Sheet D33](#)).

Limitations

1. Not suitable for new or damp cementitious surfaces.
2. Not alkali resistant.
3. Not suitable as the first coat on fibre or particleboard. Use Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)).
4. Not suitable as the first coat on hardboard. Use Resene Sureseal (see [Data Sheet D42](#)).
5. Not suitable for prolonged exterior exposure without topcoating.

Enamel Undercoat General Purpose

Surface preparation

All surfaces

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and mould. Any timber that has been exposed to weather for more than one week requires thorough sanding of the surface or treatment with Resene TimberLock (see [Data Sheet D48](#)).

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Sand to smooth finish and dust off.

Prime as per the following:

Exterior timber

Resene Wood Primer (see [Data Sheet D40](#)).

Fibreboard, particleboard, Matai, Merbeau, Spotted Gum, Totara

Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)).

Fibrous plaster, hardboard, paperfaced plasterboard

Resene Broadwall Acrylic Wallboard Sealer (see [Data Sheet D403](#)) or Resene Sureseal (see [Data Sheet D42](#)).

Galvanised steel, Zincalume

Resene Galvo One (see [Data Sheet D41](#)).

Varnished surfaces, laminated surfaces

Resene Waterborne Smooth Surface Sealer (see [Data Sheet D47a](#)).

Sanding dust from old lead or chromate based paints or old building materials containing asbestos may be injurious to the health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.

Application

Apply by brush, speed brush, synthetic fibre roller or spray.

Exterior - New

1. Prepare as per schedule above.
2. Apply one coat of Resene Enamel Undercoat in required colour over preprimed surface.

Exterior - Repaint

1. Prepare as per schedule above.
2. Apply one coat of Resene Enamel Undercoat in required colour over preprimed surface.

Interior - New

1. Prepare as per schedule above.
2. Apply two coats of Resene Enamel Undercoat in required colour allowing 12 hours between coats.
3. Sand smooth between coats.

Interior - Repaint

1. Prepare as per schedule above and spot prime according to surface.
2. On repaint work one coat of Resene Enamel Undercoat should be sufficient. If a major colour change is planned two coats of Resene Enamel Undercoat in required colour allowing 12 hours between coats may be needed. Sand smooth between coats.

Precautions

1. Ensure correct primer, sealant and/or sealer is used.
2. FLAMMABLE - Keep away from heat and open flame. Keep closed when not in use.
3. Avoid breathing vapour - use with adequate ventilation.

*Information contained in this Data Sheet is re-validated every two years following issue date.
Please ensure current Data Sheet is consulted prior to specification or application of Resene products.
If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*