

# Resene Enamel Undercoat

## general purpose

Resene Enamel Undercoat is a blend of special solventborne resins balanced with unique pigments. An easy brushing, quick, hard drying undercoat with exceptional flow and sanding properties that dries without the unwanted and strong solvent odours associated with traditional solventborne products.

### exterior/interior

### Typical uses

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

*Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of Resene products. View Data Sheets online at [www.resene.com/datasheets](http://www.resene.com/datasheets). If in doubt contact Resene.*

**Vehicle type**  
**Pigmentation**  
**Solvent**

**Finish**  
**Colour**

**Dry time (minimum)**  
**Recoat time (minimum)**  
**Primer required**

**Theoretical coverage**  
**Dry film thickness**  
**Usual no. of coats**  
**Chemical resistance**  
**Heat resistance**  
**Solvent resistance**  
**Sanding properties**

**Durability**  
**Thinning**

**Clean up**

**VOC**

### Physical properties

Alkyd  
Titanium dioxide/fillers  
Low odour hydrocarbon, less than 1% aromatic hydrocarbon content  
Low sheen  
White and grey shades. Resene Enamel Undercoat can also be tinted to colours off white if desired, but a white undercoat is recommended for topcoats tinted off white  
4 hours at 18°C  
12 hours  
Yes, on exterior timber, metal, hardboard, particle and fibreboard  
12 sq. metres per litre  
40 microns at 12 sq. metres per litre  
1-2  
Fair  
Good  
Good  
Excellent  
Excellent when overcoated  
Resene Thinner No.2 (lower odour) or Mineral turps (brush/roller); Resene Thinner No.9 (spray)  
Resene Thinner No.2, Mineral turps or Resene Brush Cleaner (brush/roller); Resene Thinner No.9 (spray)  
c. 411 grams per litre (see [Resene VOC Summary](#))

### Performance

### Performance and limitations

1. Lower odour formulation, less than 1% aromatic hydrocarbon content.
2. Extremely good flow and sanding properties.
3. Excellent adhesion to timber substrates and old painted surfaces.
4. Available in white and grey shades suitable for use under Resene Total Colour System colours to facilitate perfect hiding and finish.
5. Designed with a low sheen to give exceptional enamel hold-out.
6. 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 for use as the first coat on fibre or particle board, use Quick Dry (see [Data Sheet D45](#)) on particle board. On fibre cement board use Resene Sureseal (see [Data Sheet D42](#)).
4. Not for use 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

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:

#### Galvanised steel, Zincalume

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

#### Particle board

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

#### Plasterboard

Plasterboard and stoppings in non wet areas should be primed (e.g. Resene Broadwall Waterborne Wallboard Sealer - see [Data Sheet D403](#)). Fibrous plaster or plasterboard and stoppings in wet areas should be sealed with Resene Sureseal ([Data Sheet D42](#)). Resene Sureseal (see [Data Sheet D42](#)) must be used where plasterboard has yellowed due to prolonged exposure to sunlight.

#### Timber - Matai, Spotted Gum, Totara

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

#### Timber - Exterior (all other timbers)

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

#### Timber - Interior (all other timbers)

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

#### 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

Ensure the Resene Enamel Undercoat is used as white or the correct grey shade for your project. If you are applying multiple coloured topcoats, each may require a different Resene Enamel Undercoat white or grey shade.

Apply by brush, roller (Resene No.5 roller sleeve) 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. While this product is formulated using low odour solvents, you must ensure there is good ventilation during application and curing. Avoid breathing vapour.
2. Ensure correct primer, sealant and/or sealer is used.
3. FLAMMABLE - Keep away from heat and open flame. Keep closed when not in use.



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the paint the professionals use

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