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

Physical properties

Vehicle type Pigmentation Solvent Finish Colour
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

Dry time (minimum) 4 hours at 18°C
Recoat time (minimum) 12 hours
Primer required Yes, on exterior timber, metal, hardboard, particle and fibreboard

Theoretical coverage 12 sq. metres per litre
Dry film thickness 40 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 Resene Thinner No.2 (lower odour) or Mineral turps (brush/roller); Resene Thinner No.9 (spray)
Clean up Resene Thinner No.2, Mineral turps or Resene Brush Cleaner (brush/roller); Resene Thinner No.9 (spray)
VOC c. 411 grams per litre (see Resene VOC Summary)

Performance and limitations

Performance
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.

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. If in doubt contact Resene.
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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 Suressseal (Data Sheet D42). Resene Suressseal (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.

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.