

Resene Acrylic Undercoat

general purpose

Resene Acrylic Undercoat is an easy brushing, quick, hard drying undercoat with exceptional flow and sanding characteristics. While specifically designed for maximum benefit under acrylic enamels, such as Resene Enamacryl (see [Data Sheet D309](#)) and Resene Lustacryl (see [Data Sheet D310](#)), Resene Acrylic Undercoat is ideal for use under a wide range of waterborne and solventborne topcoats to improve the hiding of the paint system.

exterior/interior

Typical uses

- All exterior and interior prepared surfaces
- Block and brickwork
- Cement plasters
- Cloth and woven wallcoverings
- Fibre and particle board
- Furniture
- Paperfaced plasterboard
- Repaint old work
- Timber (including Matai, Spotted Gum and Totara)
- Wallboards
- Wallpaper

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.

Vehicle type	100% acrylic
Pigmentation	Titanium dioxide/extenders
Solvent	Water
Finish	Low sheen
Colour	White and grey shades. Resene Acrylic 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)	20 minutes at 18°C
Recoat time (minimum)	2 hours
Primer required	Yes
Theoretical coverage	12.5 sq. metres per litre
Dry film thickness	35 microns at 12.5 sq. metres per litre
Usual no. of coats	1
Chemical resistance	Good
Heat resistance	Good
Solvent resistance	Good
Sanding properties	Good
Durability	Excellent
Thinning and clean up	Water
VOC	c. 35 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. Excellent adhesion to substrates including old paint.
2. Available in white and grey shades suitable for use under Resene Total Colour System colours to facilitate perfect hiding and finish.
3. Excellent flow and sanding properties.
4. Outstanding durability maintaining flexibility for the life of the system.
5. Designed with a low sheen that allows exceptional enamel hold-out.
6. Suitable for overcoating with most finishing systems.
7. An Environmental Choice approved product.

Limitations

1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
2. Not designed as a first coat over metal surfaces or weak powdery surfaces.

Exposed bare or cracked timber usually accumulates windblown salt. Before using a totally waterborne system, this salt must be removed by prolonged washing with freshwater. Alternatively, use a solventborne undercoat.



Acrylic Undercoat general purpose

Surface preparation

Galvanised steel, Zincalume – new

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and mould. 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](#)).

Fibre board, particle board, Matai, Spotted Gum, Totara

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

Fibrous plaster, paperfaced plasterboard

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

Galvanised steel, Zincalume

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

Laminated surfaces, varnished 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 Acrylic 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 Acrylic Undercoat white or grey shade.

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

Apply one coat of Resene Acrylic Undercoat allowing two to four hours to dry before applying topcoats. Lightly sand between coats.

New paperfaced plasterboard, solid and fibrous plaster and old powdery cementitious surfaces must be sealed with either Resene Sureseal (see [Data Sheet D42](#)) or Resene Broadwall Waterborne Wallboard Sealer (see [Data Sheet D403](#)).

Precautions

1. Fill all nail holes and cracked timber after priming.
2. Not recommended for use where severe water staining exists.
3. Resene Wood Primer (see [Data Sheet D40](#)) is recommended for Cedar to hold back staining when light colours are used.



Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. View Data Sheets online at www.resene.com/datasheets. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

In Australia
PO Box 924, Beenleigh, Qld 4207
Call 1800 738 383, visit www.resene.com.au
or email advice@resene.com.au

Resene
the paint the professionals use

In New Zealand
PO Box 38242, Wellington Mail Centre, Lower Hutt 5045
Call 0800 RESENE (737 363), visit www.resene.co.nz
or email advice@resene.co.nz

Printed on environmentally responsible paper, which complies with the requirements of environmental management systems EMAS and ISO14001. Please recycle.