

Resene Summit Roof CoolColour™ waterborne roof paint

Resene Summit Roof CoolColour is a unique waterborne satin for ease of application and maximum life over well weathered COLORSTEEL®, COLORBOND®, properly prepared metal surfaces and cementitious surfaces.

Resene CoolColour technology performs optimally on dark colours that are the most prone to heat build-up.

exterior

Typical uses

Direct to:

- Properly prepared cementitious surfaces
- Properly prepared metals (aluminium, galvanised iron, mild steel or Zinalume)
- Well weathered COLORBOND® or COLORSTEEL®

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	Acrylic emulsion with special pigment binding properties
Pigmentation	Titanium dioxide (and/or other colour pigments), calcium carbonate, talc
Solvent	Water
Finish	Satin
Colour	Selected Resene Total Colour System.
Dry time (minimum)	45 minutes at 18°C
Recoat time (minimum)	3 hours
Primer required	Direct to substrate on some surfaces. Depends on substrate, degree of weathering and exposure environment.
Theoretical coverage	12 sq. metres per litre
Dry film thickness	33 microns at 12 sq. metres per litre
Usual no. of coats	2; some colours may require an additional coat
Abrasion resistance	Good
Chemical resistance	Good
Heat resistance	Good
Solvent resistance	Good
Toxicity	Suitable for the collection of drinking water
Durability	Excellent
Thinning and clean up	Water
VOC	c. 60 grams per litre (see Resene VOC Summary)

Physical properties

Performance and limitations

Performance

1. Designed to reflect more of the sun's energy than a standard colour reducing stress on the coating, substrate and building keeping them cooler.
2. Unique 'built in' anti-corrosion mechanism which gives excellent defence in depth when metals are primed with an appropriate Resene primer.
3. Direct to substrate on some surfaces.
4. Excellent adhesion to Resene primers - refer schedule overleaf.
5. Outstanding flexibility on steel.
6. 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. New unweathered COLORSTEEL® or COLORBOND® must be allowed to undergo direct weathering for a minimum period of one month before application of Resene Summit Roof CoolColour.
3. Not normally used on opening sashes and doors (use Resene Enamacryl - see [Data Sheet D309](#)).
4. Disconnect roof downpipes until after the first shower of rain in order to flush away surplus non-toxic wetting agents before the surface is used for the collection of drinking water.
5. Light colours are recommended for UPVC surfaces as dark shades will cause warping.
6. Not suitable for roof areas where water ponding occurs.



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Surface preparation

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease, mould and release agents. If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Waterblasting at 21,000 kps (3000 psi) is the best surface preparation method prior to painting weathered cementitious surfaces or galvanised steel.

When painting new or old galvanised roofs, ensure surface to be painted is thoroughly cleaned using Resene Roof and Metal Wash (see [Data Sheet D88](#)). Flush clean with freshwater. Consult Resene for technical advice on preparation of old cementitious roof tiles.

Resene Summit Roof may be applied directly over the following substrates: new previously uncoated galvanised iron, new aluminium, new previously uncoated Zinalume or sound cementitious surfaces. For best protection, prime galvanised steel or Zinalume first. For maximum CoolColour effect prime with Resene Galvo-Prime (see [Data Sheet D402](#)). New unweathered COLORSTEEL® or COLORBOND® must be allowed to undergo direct weathering for a minimum period of one month before application of Resene Summit Roof CoolColour.

Prime old unpainted concrete roofing tiles, fibre cement or plaster (greater than six months exposure) with Resene Sureseal (see [Data Sheet D42](#)).

Prime uncoated weathered galvanised steel or Zinalume with Resene Galvo One (see [Data Sheet D41](#)).

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

Prepare and prime as per schedule above.

When a CoolColour variant of this product is being used, it must be used with a primer coat of Resene Quick Dry white (see [Data Sheet D45](#)) or Resene Galvo-Prime (see [Data Sheet D402](#)) immediately below the Resene CoolColour topcoat for optimum performance.

Apply two coats of Resene Summit Roof by brush, roller (Resene No.1 sleeve – flat surfaces, PAL Roof Master Roller - corrugated galvanising or Zinalume) or airless spray. For best protection use a three coat system – either a primer and two topcoats or three topcoats.

Priming of bare substrate must be done when exposure of an unpainted roof exceeds six months or when there is white or red corrosion on the roof.

For spray application use a unit capable of achieving a flow rate of greater than 2 litres per minute, such as a Graco 395, using a 4141 tip and 60 mesh filter.

Precautions

1. Ensure correct primer and/or sealer is used where required.



Summit Roof SDS

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In Australia
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the paint the professionals use

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