

Resene Summit Roof CoolColour waterborne roof paint

Resene Summit Roof is designed for ease of application and maximum life over properly prepared metal surfaces and cementitious surfaces.

Available in Resene Summit Roof semi-gloss for brush and roller application and Resene Summit Roof Commercial Spray Satin for airless spray application.

Resene Summit Roof is also available in aluminium and MIOX finishes.

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

exterior

Typical uses

- Properly prepared and primed metal roofing (includes pre coated metal roofing such as COLORBOND/COLORSTEEL®).
- While primarily designed for roofing, may also be used on properly prepared COLORBOND® or COLORSTEEL® walls and on primed timber, such as barge boards, for a consistent topcoat with the roof.

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.

Physical properties

Vehicle type	Acrylic emulsion with special pigment binding properties
Pigmentation	Titanium dioxide (and/or other colour pigments), calcium carbonate, talc
Solvent Finish	Water Resene Summit Roof - semi-gloss, Resene Summit Roof Commercial - satin
Colour	Resene Roof Colour Systems and selected colours from the Resene Total Colour System
Dry time (minimum)	Touch dry 45 minutes at 18°C (dependent upon wet film thickness and environmental conditions)
Recoat time (minimum)	2 hours (dependent upon wet film thickness and environmental conditions)
Primer required	Yes.
Theoretical coverage	Semi-gloss: 12-14 sq. metres per litre (applied over a flat sealed substrate). Commercial satin: 6-7 sq. metres per litre (applied over a flat sealed substrate).
Dry film thickness	Semi-gloss 38 microns at 12 sq. metres per litre; Commercial satin 50 microns
Usual no. of coats	1-2 (depends upon application method); some colours may require an additional coat
Abrasion resistance	Very good (once fully cured)
Chemical resistance	Good
Heat resistance	Good
Solvent resistance	Fair
Toxicity	Suitable for the collection of drinking water
Durability	Excellent
Thinning and clean up	Water
VOC	Summit Roof Semi-Gloss c. 58 grams per litre; Summit Roof Commercial Spray Satin c. 51 grams per litre (see Resene VOC Summary)

Performance and limitations

Performance

1. Designed to reflect more infra-red radiation of the sun's energy than a standard colour reducing stress on the coating, substrate and building keeping them cooler.
2. Excellent intercoat adhesion.
3. Excellent adhesion to Resene primers - refer schedule overleaf.
4. Outstanding flexibility on metal substrates.
5. Resene Wintergrade Additive may be added to allow for application down to 3°C.
6. Resene Umbrella Additive may be added for protection against light showers.

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. 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.
3. Light colours are recommended for UPVC surfaces as dark shades will cause warping. Use a Resene CoolColour where available.
4. Not suitable for roof areas where water ponding occurs.

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Surface preparation

- **New or weathered galvanising/Zincalume:** Clean down thoroughly to remove all dirt, dust and loose material using Resene Roof and Metal Wash (see [Data Sheet D88](#)).
- **Previously painted:** Clean down thoroughly to remove all dirt, dust and loose material using Resene Paint Prep and Housewash (see [Data Sheet D812](#)). Prepare areas of flaking paint back to a sound feathered edge. Contact Technical Services or your Resene Sales Representative for advice on preparation of corroded areas.
- **Pre-coated metal roofing:** Wash down using Resene Heavy Duty Paint Prep and Oil Remover (see [Data Sheet D816](#)).

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Waterblasting at 21,000 kps (3000 psi) can be used to clean down after application any of the wash options. Contact Technical Services or your Resene Sales Representative for advice prior to painting new and weathered cementitious surfaces.

Lead testing of existing roof coatings (including priming systems) should be undertaken for roofs that were installed before 1971 or older roofs that have not been stripped of coatings applied before this time. If lead is present all preparation work must be undertaken in accordance with relevant and current OSH regulations.

Prime as per the following:

- **Aluminium new/weathered:** Resene Galvo One (see [Data Sheet D41](#)) or Resene Galvo Prime (see [Data Sheet D402](#)).
- **Cementitious roofing:** Contact Resene Technical Services or your Resene Sales Representative for advice.
- **Pre-coated metal roofing:** Resene Pre-Coated Steel Primer (see [Data Sheet D413](#)).
- **Galvanised steel or Zincalume:** Less than 6 months exposure to weathering: Resene Galvo Prime (see [Data Sheet D402](#)).
- **Weathered galvanised steel or Zincalume:** Resene Galvo One (see [Data Sheet D41](#)) or Resene GP Metal Primer (see [Data Sheet D411](#)). More than one coat may be required for roofing exposed to higher corrosivity categories. e.g. close to coastal areas.
- **Previously painted:** Spot prime bare areas with Resene Galvo One (see [Data Sheet D41](#)) or Resene GP Metal Primer (see [Data Sheet D411](#)).

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, for maximum CoolColour effect, two coats at the recommended coverage must be used with a base 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.

Summit Roof Semi-Gloss: Apply two coats by brush, roller (Resene No.1 roller sleeve on flat surfaces or a Roof Master Roller on corrugated galvanising or Zincalume). **For application by airless spray Resene Summit Roof Spray Additive MUST be used.** Use an airless unit such as a Graco 395 capable of achieving a minimum flow rate of greater than 2 litres per minute. Spray set up **Summit Roof Semi-Gloss** FFLP 516 tip, 60 mesh filter @ 1800 psi.

Summit Roof Commercial Spray Satin: This product must be applied by airless spray only. Use an airless unit such as a Graco 395 capable of achieving a minimum flow rate of greater than 2 litres per minute and a 60 mesh manifold and gun filters. Spray setup: FFLP 516 tip at 1800 psi max. When spraying corrugated roof profiles apply in a continuous single direction from top to bottom or vice versa maintaining a wet edge at all times with a spray overlap of greater than 50%. Ensure correct dry film thickness is achieved. For trough section profiles stripe coating of vertical sections is recommended. Do not paint if the surface is too hot to maintain hand contact on. When spraying under hot conditions, over an existing dark roof colour or when the surface is hot to touch add up to 2% Resene Summit Roof Spray Additive at the recommended addition rate. **Brushing only suitable for small areas/cutting in. When brushing Resene Summit Roof Commercial Brushing Additive MUST be used. Only add Resene Summit Roof Commercial Brushing Additive to the required volume for brushing - DO NOT ADD TO THE BULK PRODUCT).**

Coverage is based on application to a flat sealed substrate. For corrugated iron add an extra 10.5% to the flat roof area and for trough section roofing add an extra 50% to the flat roof area.

Precautions

1. Ensure correct primer and/or sealer is used where required.
2. Galvanised steel and Zincalume MUST be primed before application of Resene Summit Roof.

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
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or email advice@resene.com.au

Resene
the paint the professionals use

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