

## Resene Summit Roof Semi-Gloss CoolColour waterborne roof paint

Resene Summit Roof Semi-Gloss is a unique waterborne semi-gloss for ease of application and maximum life over properly prepared metal surfaces and cementitious surfaces. 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 roofing
- Properly prepared and well weathered COLORBOND® or COLORSTEEL® roofs or surfaces
- Primed timber e.g. barge boards

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.

<b>Vehicle type</b>	Acrylic emulsion with special pigment binding properties
<b>Pigmentation</b>	Titanium dioxide (and/or other colour pigments), calcium carbonate, talc
<b>Solvent</b>	Water
<b>Finish</b>	Semi-gloss
<b>Colour</b>	Resene Roof Colour Systems and selected colours from the Resene Total Colour System
<b>Dry time (minimum)</b>	45 minutes at 18°C (dry time dependent upon wet film thickness and environmental conditions)
<b>Recoat time (minimum)</b>	2 hours (dry time dependent upon wet film thickness and environmental conditions)
<b>Primer required</b>	Yes.
<b>Theoretical coverage</b>	12-14 sq. metres per litre (applied over a flat sealed substrate)
<b>Dry film thickness</b>	38 microns at 12 sq. metres per litre
<b>Usual no. of coats</b>	2; some colours may require an additional coat
<b>Abrasion resistance</b>	Very good (once fully cured)
<b>Chemical resistance</b>	Good
<b>Heat resistance</b>	Good
<b>Solvent resistance</b>	Fair
<b>Toxicity</b>	Suitable for the collection of drinking water
<b>Durability</b>	Excellent
<b>Thinning and clean up</b>	Water
<b>VOC</b>	c. 59 grams per litre (see <a href="#">Resene VOC Summary</a> )

### Physical properties

Acrylic emulsion with special pigment binding properties

Titanium dioxide (and/or other colour pigments), calcium carbonate, talc

Water

Semi-gloss

Resene Roof Colour Systems and selected colours from the Resene Total Colour System

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2 hours (dry time dependent upon wet film thickness and environmental conditions)

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12-14 sq. metres per litre (applied over a flat sealed substrate)

38 microns at 12 sq. metres per litre

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Very good (once fully cured)

Good

Good

Fair

Suitable for the collection of drinking water

Excellent

Water

c. 59 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. 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. Prime the substrate first. New unweathered COLORSTEEL® or COLORBOND® must be allowed to undergo direct weathering for a minimum period of one month before application of a Resene Summit Roof Semi-Gloss paint system.
3. 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.
4. Light colours are recommended for UPVC surfaces as dark shades will cause warping. Use a Resene CoolColour where available.
5. Not suitable for roof areas where water ponding occurs.





# Summit Roof Semi-Gloss CoolColour

## Surface preparation

Clean down thoroughly to remove all dirt, dust and loose material using Resene Roof and Metal Wash (see [Data Sheet D88](#)). 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) can be used after scrubbing down with Resene Roof and Metal Wash (see [Data Sheet D88](#)) or prior to painting weathered cementitious surfaces.

New unweathered COLORSTEEL® or COLORBOND® must be allowed to undergo direct weathering for a minimum period of one month before application of any paint system.

Lead testing of existing roof coatings (including priming system) should be undertaken for roofs that were installed after 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

Resene Galvo One (see [Data Sheet D41](#)) or Resene Galvo-Prime (see [Data Sheet D402](#)).

#### Cementitious roofing

Resene Sureseal (see [Data Sheet D42](#)).

#### Galvanised steel or Zinalume

Less than 6 months exposure to weathering: Resene Galvo-Prime (see [Data Sheet D402](#)).

#### Timber

Resene Quick Dry waterborne primer undercoat (see [Data Sheet D45](#)) or Resene Wood Primer (see [Data Sheet D40](#)).

#### Weathered galvanised steel or Zinalume

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, 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.

Apply two coats of Resene Summit Roof Semi-Gloss by brush, roller (Resene No.1 roller sleeve on flat surfaces or a PAL Roof Master Roller on corrugated galvanising or Zinalume) or airless spray.

For spray application use a unit capable of achieving a flow rate of greater than 2 litres per minute and a spray pressure greater than 1800 psi, such as a Graco 395, using a FFLP 516 tip and 60 mesh filter. When spraying roofs apply in a single direction from top to bottom or vice versa while maintaining a wet edge at all times. Addition of up to 2% Resene Summit Roof Spray Additive is recommended for spray application when applying over an existing dark roof colour or when the surface is hot to touch. Ensure correct dry film thickness is achieved when painting trough section roofing profiles. This may require stripe coating of the vertical section.

## Precautions

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

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**In Australia**  
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the paint the professionals use

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