

# Resene Summit Roof Metallic

waterborne  
roof paint

Resene Summit Roof Metallic is a waterborne roof paint available in micaceous iron oxide (MIOX) and aluminium finishes designed for ease of application and maximum life.

## exterior

## Typical uses

Direct to:

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

<b>Vehicle type</b>	100% acrylic
<b>Pigmentation</b>	Titanium dioxide
<b>Solvent</b>	Water
<b>Finish</b>	Metallic
<b>Colour</b>	Selected Resene Roof System Colours
<b>Dry time (minimum)</b>	45 minutes at 18°C
<b>Recoat time (minimum)</b>	3 hours
<b>Primer required</b>	Yes, dependent on surface and exposure environment
<b>Theoretical coverage</b>	12 sq. metres per litre
<b>Dry film thickness</b>	33 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
<b>Chemical resistance</b>	Good
<b>Heat resistance</b>	Thermoplastic
<b>Solvent resistance</b>	Good
<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. 62 grams per litre (see <a href="#">Resene VOC Summary</a> )

## Physical properties

## Performance

## Performance and limitations

1. Unique 'built in' anti-corrosion mechanism which gives excellent defence in depth when metals are primed with an appropriate Resene primer.
2. Excellent adhesion to Resene primers - refer schedule overleaf.
3. Outstanding flexibility on steel.
4. 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 normally used on opening sashes and doors (use Resene Enamacryl - see [Data Sheet D309](#)).
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.
5. Not suitable for roof areas where water ponding occurs.
6. Spraying micaceous iron oxide colours will require an expert, or contact Resene Technical Services for advice.

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.



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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 Wash and Paint Cleaner (see [Data Sheet D88](#)). Flush clean with freshwater. Consult Resene for technical advice on painting of old cementitious roof tiles.

**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

Resene Galvo One (see [Data Sheet D41](#)) or Resene Galvo-Prime (see [Data Sheet D402](#)), Resene Vinyl Etch (see [Data Sheet RA31](#)).

#### Coloured steel

New unweathered coloured steel, such as COLORSTEEL® or COLORBOND®, must be washed with Resene Heavy Duty Paint Prep and Oil Remover (see [Data Sheet D812](#)), then primed with Resene Pre-Coated Steel Primer (see [Data Sheet D413](#)) before topcoating.

#### Galvanised steel, Zincalume

Resene Galvo One (see [Data Sheet D41](#)) or Resene Galvo-Prime (see [Data Sheet D402](#)). **Note: Galvo One must be used for priming bare galvanised steel/Zincalume that has been subject to weathering for more than 6 months.**

#### Old unpainted fibre cement, plaster

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

*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.

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

### Airless spray application:

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 30 mesh in line filter with a LTX 517 tip. 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 add Resene Summit Roof Spray Additive at the recommended addition rate.**

## Precautions

1. Ensure correct primer and/or sealer is used.
2. Fill all nailholes after priming.
3. Galvanised steel and Zincalume must be primed before application of Resene Summit Roof Metallic.

*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](http://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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the paint the professionals use

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