Resene Summit Roof
waterborne roof paint

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

Physical properties

- **Vehicle type**: Acrylic emulsion with special pigment binding properties
- **Pigmentation**: Titanium dioxide (and/or other colour pigments), calcium carbonate, talc
- **Solvent**: Water
- **Finish**: Satin, metallic (MIOX)
- **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

- **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)

Typical uses

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

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. Direct to substrate on some surfaces.
3. Excellent adhesion to Resene primers - refer schedule overleaf.
4. Outstanding flexibility on steel.
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. For best protection 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 Resene Summit Roof.
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. Use a Resene CoolColour where available.
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 or new previously uncoated Zincalume. For best protection, prime galvanised steel or Zincalume first. 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.

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 Zincalume 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.

Apply two coats of Resene Summit Roof by brush, roller (Resene No.1 sleeve – flat surfaces, PAL Roof Master Roller - corrugated galvanising or Zincalume) 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.