

Resene Hi-Glo Cool Colour House and Roof Paint

Resene Hi-Glo Cool Colour is based on a unique 100% acrylic emulsion for ease of application and maximum life over primed timber and galvanised steel surfaces. Ideally suited for direct application to cementitious surfaces. Cool Colour technology performs optimally on dark colours that are the most prone to heat build-up, which makes it ideally suited for dark roofing colours.

Exterior

Typical uses

- Aluminium
- Block and brickwork
- Concrete/plaster
- Fibre cement
- Galvanised steel roofing and cladding
- Particleboard
- Plywood
- Repaints
- Stucco/roughcast
- Timber
- UPVC surfaces
- Weatherboards
- Zinalume

Information contained in this Data Sheet is re-validated every two years following issue date. Please ensure the current Data Sheet and Material Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.

Physical properties

Vehicle type	100% acrylic
Pigmentation	Titanium dioxide
Solvent	Water
Finish	Gloss
Colour	Selected colours from the Resene Total Colour System
Dry time	45 minutes at 18°C
Recoat	2-4 hours
Primer required	Yes, dependent on surface
Theoretical coverage	12 sq. metres per litre
Dry film thickness	35 microns at 12 sq. metres per litre
Usual no. of coats	2; some colours may require an additional coat
Abrasion resistance	Very good
Chemical resistance	Good
Heat resistance	Thermoplastic
Solvent resistance	Good
Toxicity	Suitable for the collection of drinking water
Durability	Excellent
Thinning and clean up	Water
VOC	c. 62 grams per litre (see Resene VOC Summary)

Performance

Performance and limitations

1. Reflects heat improving the life of paint finish and substrate and improving interior conditions inside the painted structure.
2. Excellent intercoat adhesion.
3. Excellent adhesion to Resene primers - refer schedule overleaf.
4. Outstanding flexibility on timber and steel.
5. Acid and alkali resistant - inhibits mould growth.
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. 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. Lighter colours are recommended for UPVC surfaces as dark shades may cause warping.
5. Not suitable for roof areas where water ponding occurs.

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Surface preparation

All surfaces

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease, mould and release agents. Any timber that has been exposed to weather for more than one week requires thorough sanding of the surface or treatment with Resene TimberLock (see [Data Sheet D48](#)).

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.

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](#)).

New galvanised steel, Zinalume

Resene Cool Primer (see [Data Sheet D402C](#)).

Old galvanised steel, Zinalume

Resene Galvo One (see [Data Sheet D41](#)).

Old unpainted fibre cement, plaster

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

Timber

Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)).

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

Apply by brush, speed brush, synthetic fibre roller or spray. For optimum performance use one coat of Resene Cool Primer (see [Data Sheet D402C](#)) before applying Resene Hi-Glo Acrylic Cool Colour.

- **Aluminium** - Prepare as per schedule above. Apply one coat of Resene Cool Primer (see [Data Sheet D402C](#)) followed by two to three coats of Resene Hi-Glo Cool Colour.
- **Concrete and cementitious surfaces - New** - Where leaking blockwork is a problem, seal with Resene X-200 (see [Data Sheet D62](#)). Apply one coat of Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)) followed by two to three coats of Resene Hi-Glo Cool Colour.
- **Concrete and cementitious surfaces - Old** - If the surface is powdery or chalky, apply one coat of Resene Sureseal (see [Data Sheet D42](#)). Apply one coat of Resene Cool Primer (see [Data Sheet D402C](#)) followed by two to three coats of Resene Hi-Glo Cool Colour.
- **New galvanised steel and Zinalume** - Prepare as per schedule above. Apply two coats of Resene Hi-Glo Cool Colour.
- **Timber** - Prepare as per schedule above. Apply two coats of Resene Hi-Glo Cool Colour.

Precautions

1. Ensure correct primer and/or sealer is used. Fill all nail holes and cracked timber after priming.
2. Galvanised steel and Zinalume must be primed before application of Resene Hi-Glo Acrylic Cool Colour.

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Please ensure current Data Sheet is consulted prior to specification or application of Resene products.
If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*