

# Resene Hi-Glo CoolColour™ waterborne gloss

Resene Hi-Glo CoolColour 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.

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

## exterior

### Typical uses

- Aluminium
- Block and brickwork
- Concrete/plaster
- Fibre cement
- Galvanised steel roofing and cladding
- Particle board
- Plywood
- Repaints
- Roughcast/stucco
- Timber
- UPVC surfaces
- Weatherboards
- Zinalume

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>	100% acrylic
<b>Pigmentation</b>	Titanium dioxide
<b>Solvent</b>	Water
<b>Finish</b>	Gloss
<b>Colour</b>	Selected colours from the Resene Total Colour System
<b>Dry time (minimum)</b>	45 minutes at 18°C
<b>Recoat time (minimum)</b>	2 hours
<b>Primer required</b>	Yes, dependent on surface
<b>Theoretical coverage</b>	12 sq. metres per litre
<b>Dry film thickness</b>	35 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. 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.



# Hi-Glo CoolColour™ waterborne gloss

## Surface preparation

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 the 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 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, Zincalume

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

#### Old galvanised steel, Zincalume

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

#### Old unpainted fibre cement, plaster

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

#### Timber

Resene Quick Dry (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 CoolColour performance use one coat of Resene Quick Dry or Resene Galvo-Prime depending on substrate before applying Resene Hi-Glo CoolColour.

- **Aluminium** - Prepare as per schedule above. Apply one coat of Resene Galvo-Prime (see [Data Sheet D402](#)) followed by two to three coats of Resene Hi-Glo CoolColour.
- **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 (see [Data Sheet D45](#)) followed by two to three coats of Resene Hi-Glo CoolColour.
- **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 Quick Dry (see [Data Sheet D45](#)) followed by two to three coats of Resene Hi-Glo CoolColour.
- **New galvanised steel and Zincalume** - Prepare as per schedule above. Apply two coats of Resene Hi-Glo CoolColour.
- **Timber** - Prepare as per schedule above. Apply two coats of Resene Hi-Glo CoolColour.

## Precautions

1. Ensure correct primer and/or sealer is used.
2. Fill all nailholes and cracked timber after priming.
3. Galvanised steel and Zincalume must be primed before application of Resene Hi-Glo CoolColour.



Hi-Glo SDS

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the paint the professionals use

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