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.

**Physical properties**
- 100% acrylic
- Titanium dioxide
- Water
- Gloss
- Selected colours from the Resene Total Colour System
- 45 minutes at 18°C
- 2 hours
- Yes, dependent on surface
- 12 sq. metres per litre
- 35 microns at 12 sq. metres per litre
- 2; some colours may require an additional coat
- Very good
- Good
- Thermoplastic
- Good
- Suitable for the collection of drinking water
- Excellent
- Water
- c. 62 grams per litre (see Resene VOC Summary)

**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.

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.

**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
- Zincalume

**Performance**

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.

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. If in doubt contact Resene.
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.