

Resene Wintergrade Hi-Glo

Low Temperature Curing House and Roof Paint

Resene Wintergrade Hi-Glo is designed to cure at very low temperatures down to 2°C. Based on a unique 100% acrylic emulsion for ease of application and maximum life over primed timber and galvanised steel surfaces. Resene Wintergrade Hi-Glo is ideally suited for direct application to cementitious surfaces.

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
- Zincalume

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	White and Colours Off White
Dry Time	Dependent on weather conditions
Recoat	Recoat when first coat is tough enough to resist the pressure of a firmly pressed, twisted thumb.
Primer Required	Yes, dependent on surface
Theoretical Coverage	12 sq. metres per litre
Dry Film Thickness	35 microns at 12 sq. metres/litre
Usual No. of Coats	2
Abrasion Resistance	Very Good
Chemical Resistance	Good
Heat Resistance	Thermoplastic
Solvent Resistance	Good
Toxicity	Suitable for the collection of drinking water.
Durability	Excellent
Thinning & Clean Up	Water
VOC	c. 11 grams per litre

Performance

Performance & Limitations

1. Will cure at very low temperatures.
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 2°C, or when dew is likely to occur within the hour.
2. Not normally used on opening sashes and doors (use Resene Enamacryl - [see Data Sheet D309](#)).
3. Roof downpipes should be disconnected 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.

Wintergrade Hi-Glo Low Temperature Curing Paint

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](#)).

Galvanised Steel, Zincalume

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

Old Unpainted Fibre Cement, Plaster

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

Timber

Resene Quick Dry Acrylic Primer Undercoat ([see Data Sheet D45](#)) or Resene Wood Primer ([see Data Sheet D40](#)).

Merbeau, Matai, Spotted Gum, Totara

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.

- **Aluminium** - Prepare as per schedule above. Apply 2 coats of Resene Wintergrade Hi-Glo.
- **Concrete and Cementitious Surfaces - New** - Where leaking blockwork is a problem, seal with Resene X-200 ([see Data Sheet D62](#)). Apply 2-3 coats of Resene Wintergrade Hi-Glo.
- **Concrete and Cementitious Surfaces - Old** - If the surface is powdery or chalky, apply 1 coat of Resene Sureseal ([see Data Sheet D42](#)). Apply 2-3 coats of Resene Wintergrade Hi-Glo.
- **Galvanised Steel and Zincalume** - Prepare as per schedule above. Apply 2 coats of Resene Wintergrade Hi-Glo.
- **Timber** - Prepare as per schedule above. Apply 2 coats of Resene Wintergrade Hi-Glo. (N.B. Note special primer requirements for Matai, Merbeau, Spotted Gum and Totara).

Precautions

1. Ensure correct primer and/or sealer is used.
2. Fill all nail holes and cracked timber after priming.
3. Recoat when first coat is tough enough to resist the pressure of a firmly pressed, twisted thumb.
4. Use of Resene Wintergrade Hi-Glo in warm conditions will reduce wet edge time and make application difficult.

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If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

Resene

the paint the professionals use

In New Zealand, PO Box 38242, Wellington Mail Centre,
call 0800 RESENE, visit www.resene.co.nz or email advice@resene.co.nz

In Australia, PO Box 785, Ashmore City, Queensland,
call 1800 738 383, visit www.resene.com.au or email advice@resene.com.au