

Resene Wintergrade Hi-Glo

low temperature
curing waterborne
gloss

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
- Particle board
- Plywood
- Repaints
- Roughcast/stucco
- Timber
- UPVC surfaces
- Weatherboards
- Zincalume

Vehicle type	100% acrylic
Pigmentation	Titanium dioxide
Solvent	Water
Finish	Gloss
Colour	White and colours off-white
Dry time (minimum)	Dependent on weather conditions
Recoat time (minimum)	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 per 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 and clean up	Water
VOC	c. 11 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and 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. 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. Light colours are recommended for UPVC surfaces as dark shades will 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 product. If in doubt contact Resene.



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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. 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 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](#)).

Kwila, Spotted Gum, Totara

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

Old unpainted fibre cement, plaster

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

Timber

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

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 two 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 two to three coats of Resene Wintergrade Hi-Glo.
- **Concrete and cementitious surfaces - old** - If the surface is powdery or chalky, apply one coat of Resene Sureseal (see [Data Sheet D42](#)). Apply two to three coats of Resene Wintergrade Hi-Glo.
- **Galvanised steel, Zincalume** - Prepare as per schedule above. Apply two coats of Resene Wintergrade Hi-Glo.
- **Timber** - Prepare as per schedule above. Apply two coats of Resene Wintergrade Hi-Glo. (N.B. Note special primer requirements for Matai, Spotted Gum, Totara).

Precautions

1. Ensure correct primer and/or sealer is used.
2. Fill all nailholes 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.

Please ensure the 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.