

Resene Wintergrade Sonyx 101

low temperature
curing waterborne
semi-gloss

Resene Wintergrade Sonyx 101 is designed to cure at very low temperatures down to 2°C and is a waterborne semi-gloss paint, optimised for superior toughness, durability and adhesion, combined with superb flowing and good looks.

exterior/interior

Typical uses

- Block and brickwork
- Concrete
- Fibre cement
- G.R.C. panels
- Primed galvanised steel
- Primed timber
- Solid plaster
- Wallboards

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.

Vehicle type	100% acrylic
Pigmentation	Titanium dioxide/extenders
Solvent	Water
Finish	Semi-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. Yes, dependent on surface
Primer required	Yes, dependent on surface
Theoretical coverage	12 sq. metres per litre
Dry film thickness	38 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	Fair
Durability	Excellent
Thinning and clean up	Water
VOC	10 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. Will cure at very low temperatures.
2. Ideal coating for exterior cementitious substrates.
3. Excellent intercoat adhesion.
4. Excellent adhesion to Resene primers - refer schedule overleaf.
5. Excellent durability in high U.V. environments. Performance may be further enhanced by overcoating with Resene Multishield+ (see [Data Sheet D54a](#)).
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 designed for direct to metal applications.
3. Will not penetrate chalky and powdery surfaces.
4. Not normally used on opening sashes and doors (use Resene Lustacryl - see [Data Sheet D310](#)).

Wintergrade Sonyx 101 low temperature curing

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.

Prime as per the following:

Exterior timber

Resene Wood Primer (see [Data Sheet D40](#)).

Fibre and particle board, Matai, Spotted Gum, Totara

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

Galvanised steel, Zinalume

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

G.R.C. panels, glossy concrete

Resene Waterborne Smooth Surface Sealer (see [Data Sheet D47a](#)).

Leaking blockwork

Resene X-200 (see [Data Sheet D62](#)).

Soft or absorbent surfaces

Resene Sureseal (see [Data Sheet D42](#)). Substrates include gypsum plaster, paperfaced plasterboard, plaster glass, powdery surfaces.

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, synthetic fibre roller, speed brush or spray. Prepare surface and prime as above. Apply two to three coats of Resene Sonyx 101 allowing at least two hours between coats.

Precautions

1. Ensure correct primer and/or sealer is used.
2. Fill all nailholes and cracked timber after priming.
3. Galvanised steel and Zinalume must be primed before application of Resene Wintergrade Sonyx 101.
4. Recoat when first coat is tough enough to resist the pressure of a firmly pressed, twisted thumb.
5. Use of Resene Wintergrade Sonyx 101 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.*