

# 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

<b>Vehicle type</b>	100% acrylic
<b>Pigmentation</b>	Titanium dioxide/extenders
<b>Solvent</b>	Water
<b>Finish</b>	Semi-gloss
<b>Colour</b>	White and colours off-white
<b>Dry time (minimum)</b>	Dependent on weather conditions
<b>Recoat time (minimum)</b>	Recoat when first coat is tough enough to resist the pressure of a firmly pressed, twisted thumb.
<b>Primer required</b>	Yes, dependent on surface
<b>Theoretical coverage</b>	12 sq. metres per litre
<b>Dry film thickness</b>	38 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>	Fair
<b>Durability</b>	Excellent
<b>Thinning and clean up</b>	Water
<b>VOC</b>	10 grams per litre (see <a href="#">Resene VOC Summary</a> )

## Physical properties

## Performance

## Performance and limitations

### Performance

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](#)).

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.



# 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, Zincalume

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 Zincalume 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.

*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.*

**In Australia**  
PO Box 785, Ashmore City, Queensland 4214  
Call 1800 738 383, visit [www.resene.com.au](http://www.resene.com.au)  
or email [advice@resene.com.au](mailto:advice@resene.com.au)

**Resene**  
the paint the professionals use

**In New Zealand**  
PO Box 38242, Wellington Mail Centre, Lower Hutt 5045  
Call 0800 RESENE (737 363), visit [www.resene.co.nz](http://www.resene.co.nz)  
or email [advice@resene.co.nz](mailto:advice@resene.co.nz)