Resene Sonyx 101 CoolColour™
waterborne semi-gloss

Resene Sonyx 101 CoolColour is a member of a new generation family of waterborne coatings optimised for superior toughness, durability and adhesion, combined with superb flowing good looks.

Resene CoolColour technology performs optimally on dark colours that are the most susceptible to heat build-up.

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

Performance and limitations

Performance
1. Reflects heat improving the life of paint finish and substrate and improving interior conditions inside the painted structure.
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.
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 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 CoolColour - see Data Sheet D310C).

Physical properties

Vehicle type (Aliphatic acrylates) 100% acrylic
Pigmentation Titanium dioxide/extenders
Solvent Water
Finish Semi-gloss
Colour Selected colours from the Resene Total Colour System
Dry time (minimum) 45 minutes at 18°C
Recoat time (minimum) 2 hours
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 c. 59 grams per litre (see Resene VOC Summary)

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.
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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.

Prime as per the following:
Exterior timber
Resene Wood Primer (see Data Sheet D40) then a coat of Resene Quick Dry (see Data Sheet D45) for optimal CoolColour effect.

Fibre board, particle board, Matai, Spotted Gum, Totara
Resene Quick Dry (see Data Sheet D45).

G.R.C, glossy concrete
Resene Quick Dry (see Data Sheet D45).

Leaking blockwork
Resene X-200 CoolColour (see Data Sheet D62C).

New galvanised steel, Zincalume
Resene Galvo-Prime (see Data Sheet D402).

Old galvanised steel, Zincalume
Resene Galvo One (see Data Sheet D41).

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 CoolColour allowing 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 Sonyx 101 CoolColour.