

Resene SB Smooth Surface Sealer

adhesion primer

Resene SB Smooth Surface Sealer has been tailored to be an 'adhesive primer' over a series of surfaces usually considered difficult to coat or in need of expensive pre-treatment. Fast drying, easy application and wide compatibility with topcoats are added features of this product.

exterior/interior

Typical uses

As a pre-treatment on

- Aluminium
- Copper and its alloys
- Formica® laminates
- Glass and ceramics
- Glossy concrete surfaces
- G.R.C. panels
- Melamine
- Old varnished surfaces

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	Modified vinyl butynol
Pigmentation	Titanium dioxide/chemically resistant extenders
Solvent	Ether alcohol/aromatic
Finish	Semi-gloss
Colour	Pastel blue/green
Dry time	Touch: 15 minutes Hard: 30-60 minutes at 17°C (75% RH)
Theoretical coverage	11 sq. metres per litre (12 microns) 6.5 sq. metres per litre (20 microns)
Dry film thickness	12 microns at 11 sq. metres/litre 20 microns at 6.5 sq. metres/litre
Usual no. of coats	1
Abrasion resistance	Excellent
Chemical resistance	Good
Heat resistance	100% (continuous)
Solvent resistance	Good
Durability	See Limitations
Thinning and clean up	Resene Thinner No.9. Clean up with Resene Thinner No.9 or Methylated Spirits.
Overcoating	Epoxies (but not Resene Imperite I.F. 503 directly), vinyls, urethanes, alkyds and acrylics
VOC	c. 710 grams per litre

Performance

Performance and limitations

1. Rapid dry time.
2. Unsurpassed adhesion over a variety of non-ferrous surfaces.
3. Useful over plastics, e.g. Formica® laminates.
4. Eliminates the need for costly acid etching of glossy concrete.
5. Compatible with most topcoats.
6. May be overcoated within one hour.

Limitations

1. Resene SB Smooth Surface Sealer is not designed to give long-term exterior protection without overcoating. Durability of up to three months can be expected in mild marine conditions or better.
2. Resene SB Smooth Surface Sealer will usually attain maximum adhesion after several days.
3. Can lift some old varnish systems. A test patch is essential when a full knowledge of previous coatings is not available.
4. Will not adhere to all plastics. A test patch is recommended.
5. Drying times of solventborne paints may be extended when applied directly over Resene SB Smooth Surface Sealer.

SB Smooth Surface Sealer adhesion primer

Surface preparation

Glossy surfaces

Clean down thoroughly to remove all dirt, dust and loose material. Degrease if necessary with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)) followed by liberal rinsing with freshwater. For maximum adhesion some light mechanical keying is advantageous.

G.R.C. panels

Remove mould release agents and defoamers present on the surface with Resene Brush Clean followed by liberal rinsing with freshwater.

Non-ferrous metals

Degrease with Resene Emulsifiable Solvent Cleaner (see [Data Sheet D804](#)) or Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)) followed by liberal rinsing with freshwater. If corrosion products are present, contact Resene for suitable removal methods. Resene Vinyl Etch (see [Data Sheet RA31](#)) is better for these 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 spray, brush, speed brush or roller. Light bubbling may occur with some rollers and will require laying off.

Thinning

The product is supplied at a brushing consistency but some thinning may be required depending on the surface.

A greater degree of thinning with Resene Thinner No.9 may be required when spraying depending on the individual set up.

Precautions

1. Observe normal safety precautions such as the wearing of gloves and mask.
2. No smoking should be permitted in the work area.
3. Observe low flash regulations.
4. Resene SB Smooth Surface Sealer contains a small percentage of acid. If eyes become contaminated, flood with water for 15 minutes. SEEK MEDICAL AID.
5. For contact with skin, wash thoroughly with lukewarm water and soap.
6. FLAMMABLE - Keep away from heat and open flame. Keep closed when not in use.
7. Avoid breathing vapour - use with adequate ventilation.

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