

Resene Waterborne Smooth Surface Sealer

adhesion primer

Resene Waterborne Smooth Surface Sealer has been tailored to be a waterborne '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
- Baked enamels
- Copper and its alloys
- Glass and ceramics
- Laminated surfaces
- Melamine
- Most glazed surfaces
- Old varnished surfaces

Vehicle type	Auto oxidative
Pigmentation	Titanium dioxide/chemically resistant extenders
Solvent	Water thinned
Finish	Low sheen
Colour	Pastel blue green when wet, off-white on drying.
Dry time (minimum)	Touch: 30 minutes
Recoat time (minimum)	2 hours – waterborne paints 4 hours – solventborne products; always use Resene Enamel Undercoat (see Data Sheet D44) before topcoating with solventborne paints; allow 24 hours for Engineered Coating Systems products
Theoretical coverage	11 sq. metres per litre
Usual no. of coats	1
Abrasion resistance	Good
Chemical resistance	Good
Solvent resistance	Good
Durability	See limitations
Thinning and clean up	Water when wet; Resene Brush Clean when dry
VOC	Less than 10 grams per litre (see Resene VOC Summary)

Physical properties

Performance

1. Rapid dry time.
2. Unsurpassed adhesion over a variety of non-ferrous surfaces.
3. Useful over plastics, such as Formica® laminates.
4. Compatible with all topcoats tested.
5. May be overcoated within two hours with waterborne topcoats.

Limitations

1. Resene Waterborne Smooth Surface Sealer is not designed to give long-term exterior protection without overcoating. Durability of up to three months may be expected in mild marine conditions or better.
2. The system will usually attain maximum adhesion after several days.
3. Might not adhere to all plastics. A test patch is recommended.

WB 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 Paint Prep and Housewash (see [Data Sheet D812](#)) 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 Cleaner followed by liberal rinsing with freshwater.

Non-ferrous metals

Degrease with Resene Emulsifiable Solvent Cleaner (see [Data Sheet D804](#)) or Resene Roof and Metal Wash (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 water may be required when spraying depending on the individual set up.

Precautions

1. Avoid breathing vapour - use with adequate ventilation.
2. For contact with skin, wash thoroughly with lukewarm water and soap.



Waterborne Smooth
Surface Sealer SDS

Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. View Data Sheets online at www.resene.com/datasheets. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

In Australia
PO Box 924, Beenleigh, Qld 4207
Call 1800 738 383, visit www.resene.com.au
or email advice@resene.com.au

Resene
the paint the professionals use

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