

Resene ConcreteSeal 3 in 1

concrete primer,
sealer and dust coat

Resene ConcreteSeal 3 in 1 is a versatile fast drying primer/sealer for concrete that may also be used as a coloured dust coat for new and aged interior concrete floors.

exterior/interior

Typical uses

- Concrete
- Concrete floors
- Dust coat for interior concrete floors
- Tilt slab

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|------------------------------|--|
| Vehicle type | Modified vinyl butyral |
| Pigmentation | Titanium dioxide/chemically resistant extenders |
| Solvent | Ester/alcohol/aromatic |
| Finish | Satin |
| Colour | Concrete grey |
| Dry time | Touch: 15 minutes Hard: 30-60 minutes at 17°C (75% RH) |
| Theoretical coverage | 14 sq. metres per litre (12 microns) |
| Dry film thickness | 12 microns at 14 sq. metres/litre Coverage will depend on substrate porosity |
| Usual no. of coats | 1 (primer/sealer), 2 (finish) |
| Abrasion resistance | Very Good |
| Chemical resistance | Good |
| Heat resistance | 100% (continuous) |
| Solvent resistance | Good (dependent on solvent type) |
| Durability | See Limitations |
| Thinning and clean up | Supplied at application viscosity. Do not thin. Clean up with Resene Thinner No.9 or Methylated Spirits. |
| Overcoating | Acrylics, alkyds, epoxies and urethanes (see limitations) |
| VOC | c. 748 grams per litre (see Resene VOC Summary) |

Physical properties

Performance

Performance and limitations

1. Rapid dry time.
2. Eliminates the need for acid etching of glossy concrete.
3. Compatible with most topcoats.
4. May be overcoated within one hour.

Limitations

1. Resene ConcreteSeal 3 in 1 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 ConcreteSeal 3 in 1 will usually attain maximum adhesion after several days.
3. Drying times of solventborne paints may be extended when applied directly over Resene ConcreteSeal 3 in 1.
4. Can be overcoated with Resene water and solventborne epoxies with the exception of Resene Imperite I.F. 503 solid or metallic colours.

ConcreteSeal 3 in 1 primer, sealer, dust coat

Surface preparation

Concrete

Ensure surfaces to be painted are in a sound condition, dry, free from dirt, oil, grease, dust, loose material, salt, curing membranes and form release agents. Waterblasting at 21,000 kps (3000 psi) is the best surface preparation method prior to painting of weathered cementitious surfaces.

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)).

Efflorescence on masonry must be treated (see [Data Sheet D83](#)).

Wherever oil and grease are present, ensure the surface is thoroughly cleaned using Resene Paint Prep and Housewash (see [Data Sheet D812](#)). Flush clean with water.

Ensure all wax or hydrocarbon resin curing membranes are either weathered off or removed by physical or chemical means.

In all situations a test patch is recommended to confirm adhesion, especially when removal of curing membranes or release agents cannot be established or undertaken.

G.R.C. panels

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

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, roller (use Resene No.5 roller sleeve) or spray. Consult Resene for advice on appropriate equipment and set up for spray application. Light bubbling may occur with roller application and will require tipping off by brush. A single coat is required when using as an adhesion primer/sealer with two coats required if using as a stand alone interior floor finish.

Thinning

This product is supplied at a brushing/rolling consistency and additional thinning is not normally required.

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 ConcreteSeal 3 in 1 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.

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
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or email advice@resene.com.au

Resene
the paint the professionals use

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