

Resene Cemseal

concrete sealer and dust coat

Resene Cemseal is a non-decorative coating for use on industrial and domestic concrete floors where a low cost, easily applied and maintained method of controlling concrete dusting is required.

exterior/interior

Typical uses

- Concrete

Vehicle type	Nano-acrylic
Pigmentation	Clear
Solvent	Water
Finish	Penetrating – semi-gloss when built
Colour	Clear
Dry time (minimum)	2 hours
Recoat time (minimum)	2 hours
Primer required	No
Theoretical coverage	Dependent on surface porosity and profile, typical coverage for concrete is 5-10 sq. metres per litre
Usual no. of coats	Usually 1, very porous concrete may require a second coat
Thinning and clean up	Use direct from container. May be thinned with up to 25% water to assist penetration especially on hot dry days. Clean up with water when wet
VOC	0 (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. Easy application.
2. Facilitates dust control by providing an easy to clean surface.
3. May be used as a sealer over concrete prior to application of products, such as Resene Waterborne Sidewalk (see [Data Sheet D38a](#)).
4. An Environmental Choice approved product.

Limitations

1. Not designed for non-dusting dense glossy concrete floors.
2. Areas coated with this product unmodified may not comply with New Zealand Building Code D1 3.3(d). Refer also to New Zealand Building Code D1 2.0 table 2.
3. Must be overcoated when used in an exterior situation.

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



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Surface preparation

Ensure surfaces to be sealed are in sound condition, dry, free from dirt, dust, loose material and salt. Remove accumulated windblown salt by prolonged washing with clean water.

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.

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

If oil and grease are present ensure the surface is thoroughly cleaned using Resene Paint Prep and Housewash (see [Data Sheet D812](#)).

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 one full coat of Resene Cemseal by brush, short nap synthetic fibre roller, paint pad or spray. Minimise overlap during brush or roller application to avoid lapmarks. Take care to avoid excess film build up on top of the surface being coated to ensure best durability and resistance to mechanical damage. Very porous concrete may require a second coat.

Where Resene Cemseal is being used as a topcoat, reapply the coating annually to ensure the substrate remains protected.

Precautions

Silicone treatments may affect penetration. A test patch is recommended.

Designed to penetrate and consolidate typical concrete surfaces but will not penetrate glossy surfaces nor consolidate very weak, powdery surfaces.

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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the paint the professionals use

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