

Resene Swimming Pool Paint

Resene Swimming Pool Paint is formulated for direct application to suitably prepared concrete swimming pools or to maintain pools coated in a compatible coating system. A single pack product that provides a tough and durable pool finish. Excellent intercoat adhesion ensures easy maintenance and touch-up.

Typical uses

- Concrete swimming pools

Vehicle type	Chlorinated polymer and inert plasticisers
Pigmentation	Chemically resistant pigments
Solvent	Aromatic
Finish	Semi-gloss
Colour	Magic Blue
Dry time (minimum)	Touch dry: 2 hours at 18°C Recoat: 12 hours at 18°C To immersion: minimum 7 days at 18°C; preferably 14 days
Primer required	Self priming on concrete
Theoretical coverage	9 sq. metre per litre
Dry film thickness	65-70 microns at 9 sq. metres per litre
Usual no. of coats	2 (maintenance); 3 (bare concrete)
Chemical resistance	Acids and alkalis - excellent
Solvent resistance	Aliphatics - good; others – poor
Thinning and clean up	Brush/roller: Resene Thinner No.11 Spray: Resene Thinner No.6
VOC	c. 577 grams per litre (see Resene VOC Summary)

Performance and limitations

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| Performance | <ol style="list-style-type: none"> 1. Excellent intercoat adhesion. 2. Fast drying. 3. May be applied over a wide range of temperatures. 4. Easy maintenance and touch up. |
| Limitations | <ol style="list-style-type: none"> 1. Not suitable for use in pools heated above 28°C. 2. Do not apply over residual curing compounds or incompatible coatings. 3. Do not apply to damp concrete. 4. Do not apply to sealant filled expansion joints. 5. Some pool sanitising methods may accelerate the degradation of Resene Swimming Pool Paint. Caution is recommended if the previous coating system has been subject to early failure. 6. Lower temperatures will necessitate a longer dry time and time to immersion. 7. Regularly clean waterline of body fats for maximum durability. |

Swimming Pool Paint

Surface preparation

New concrete

Leave concrete to cure for a minimum of 28 days before painting. Ensure surface is free of laitance, form release agents, curing membranes, oil, grease and other penetrating contaminants. If oil or grease are present, degrease with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)). Glossy or smooth concrete must be profiled. Profile concrete walls by light abrasive blasting or grinding. Profile floors by captive shot blasting or alternatively etching with a solution of one part hydrochloric acid to six parts water (see [Data Sheet D83](#)). Surface profiling methods should produce a uniform surface texture resembling 180 grit sandpaper. Repeat the blasting or etching methods if necessary until the required surface texture is achieved. Concrete surfaces cured with curing membranes or contaminated with form oils must be completely cleaned by abrasive blasting. Acid etching is unsuitable as this procedure will not normally remove these compounds.

Old unpainted concrete

Remove any powdery material by vigorous wire brushing or waterblasting. Treat with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)) to remove oils, dirt and other contaminants. Rinse with freshwater and allow to thoroughly dry - see below for test method. Prepare areas of glossy or smooth concrete, as for new concrete.

Repaint (Resene Swimming Pool Paint)

Treat with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)) to remove oils, dirt and other contaminants. Rinse with freshwater and allow to thoroughly dry - see below for test method. Spot prime bare areas of concrete with Resene Swimming Pool Paint thinned 10-15% with Resene Thinner No.11.

Repaint (except Resene Swimming Pool Paint)

Totally remove the existing paint system. This may be best achieved by abrasive blasting (wet or dry), high pressure water jetting or grinding. Ensure surface is thoroughly dry - see below for test method. Prepare areas of glossy or smooth concrete, as for new concrete.

Test method

The following test method is recommended to check if concrete is dry for application of Resene Swimming Pool Paint. Sweep test area to remove loose surface contamination. Seal a plastic sheet (45cm x 45cm) onto pool floor by taping around the edges of the sheet. Leave for 16 hours and check for moisture droplets or misting on the underside of the plastic sheet. Proceed with painting if no moisture is present after 16 hours. Contact Resene for technical advice if moisture is still present.

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

- **Airless spray** - Use standard spray equipment with a 28:1 ratio and a 0.38 to 0.53mm fluid tip.
- **Brush** - Suitable for small areas or touch-up only.
- **Conventional spray** - Use a JGA502 gun with an E fluid tip and needle and a 704 or 768 air cap or equivalent.
- **Roller** - Use a short pile, solvent resistant roller and apply two to three coats. Roller application is always recommended for the first coat onto bare concrete. To avoid air entrapment, do not roll excessively.

Precautions

1. Consult Material Safety Data Sheet for this product prior to use. Users should ensure that they are familiar with all aspects concerning safe application of this product. **IF IN DOUBT, DO NOT USE THIS PRODUCT.**
2. Use normal precautions, such as gloves, masks and barrier cream.
3. Solvents released from the wet paint are heavier than air and will accumulate at the bottom of the pool. Adequate ventilation must be maintained during application and drying for health, safety and performance reasons.
4. If eyes become contaminated, flood with running water for at least 15 minutes. **SEEK MEDICAL AID.**
5. If any skin contact occurs, wash skin thoroughly with soap and water immediately. Do not scrub the skin.
6. **FLAMMABLE** - keep away from heat and open flame. Keep closed when not in use.
7. No smoking should be permitted in the work area.

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.