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 pool paint that has excellent intercoat adhesion for easy maintenance and touch up.

Typical uses

- Concrete swimming pools

Physical properties

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	Recoat: 12 hours at 18°C
To immersion	To immersion: minimum 7 days at 18°C; preferably 14 days. if the pool is refilled and there is still residual solvent in the coating the solvent will become partially dissolved in the pool water
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

Performance

1. Excellent intercoat adhesion.
2. Fast drying.
3. May be applied over a wide range of temperatures.
4. Easy maintenance and touch up.
5. Full cure of the coating is required prior to filling.

Limitations

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 and Metal Wash (see Data Sheet D88). Glossy or smooth concrete must be profiled. Profile concrete walls by light abrasive blasting or grinding. Surface profiling methods should produce a uniform surface texture resembling 180 grit sandpaper. Repeat the blasting 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 waterblasting. Treat with Resene Roof and Metal Wash (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 and Metal Wash (see Data Sheet D88) to remove chalking, 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 bare concrete is sound and 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 bare 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 a unit capable of delivering of a flow rate of 3 litres per minute, a LTX 523 tip and a 3/8 hose.
- **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.
8. The loss of solvent from the new paint is determined by applied wet film thickness and pool depth/configuration. For deep pools or pools with a deeper end there will be solvent accumulation in the deepest section of the pool profile. While the shallow section may have lost all solvent there may still be residual solvent at the deeper end. In this situation extended time needs to be allowed before the pool is filled. To assist with curing, 7 days get an explosion proof fan or blower and direct the air flow towards the deeper end to assist with solvent displacement to the atmosphere above the pool. Solvent can often be detected by solvent smell within the pool. Ensure this is done with extreme caution and wearing appropriate safety equipment.

Swimming Pool Paint SDS

In Australia
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Resene
the paint the professionals use

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