

Project Guide

PAINTING SWIMMING POOLS UNPAINTED CONCRETE AND MARBLESHEEN

Chlorinated Rubber

Whilst Forminex Chlorinated Rubber Pool Paint can also be used for the painting of new concrete and marblesheen pools and will do an excellent job but we prefer to recommend Forminex Epoxy Pool Paint for this purpose (see our "Painting a Pool" Guide). It has been our experience over many years that Forminex Epoxy Pool Paint will last longer and is more forgiving of applicator errors than the Chlorinated Rubber system.

Properly prepared and applied Forminex Chlorinated Rubber Pool Paint will do an excellent job and give great results, provided our instructions are carefully followed.

PREPARATION

Ensure the pool surface is sound and the concrete or marble sheen is not loose, drummy or badly cracked or pitted. Small chips or flaked areas may be repaired using suitable epoxy fillers however we recommend seeking professional advice for more significant problems as there may be issues present that are beyond the capability of the DIY applicator.

Before painting a new, unpainted concrete pool or recently repaired areas you should ensure that no water proofing agents or cement additives were used in the final render layers as these may affect the adhesion of the paint. Allow at least 4 to 6 weeks for the new or repaired concrete to cure before painting.

The surface should be rubbed using a wooden block to ensure a smooth finish and remove any pinnacles of sand or coarse areas.

Many substances can be deposited on the walls and floor of a pool over years of use. This step is designed to remove contaminants such as sun tan lotions, body fats, oils, greases and the like. Wash the surface with FORMINEX POOL WASH using stiff brush or broom. FORMINEX POOL WASH should be mixed 500mls into 20 litres of fresh water for general cleaning. Mix 1:1 with water for heavy deposits of oily or greasy material. Wash 2 - 3 square metres at a time & rinse thoroughly with fresh water as you go. Do not allow FORMINEX POOL WASH to dry on surface.

The following step removes deposited salts and chemicals on the pools surfaces. The surface should be acid etched with a dilute solution of Hydrochloric Acid.

- Ensure you are wearing the correct protective clothing. Rubber Boots, Rubber Gloves and goggles. It is also a good idea to be wearing a long sleeved shirt and trousers.
- Mix the acid solution in a plastic bucket (not metal) and always add the acid to the water NOT the water to the acid. Add 1 part by volume of acid to 2 parts of water.
- Work on a small area at a time, 2 – 3 m² is ideal. Apply the acid using a plastic watering can and scrub the surface using a stiff bristled nylon scrubbing brush or broom. When the bubbling reaction stops immediately rinse the area with fresh water. Do not allow the acid to dry on the surface as this will adversely affect the coating.

Neutralise the acid washed surface with a mixture of 1kg FORMINEX ACID NEUTRALISER into 10 litres fresh water. This will prevent residual acid from interfering with the coating being applied.

Rinse thoroughly with clean water to remove any residue of the acid neutraliser. Allow 2 - 3 days at a minimum of 20°C to dry prior to painting (warm, sunny days).

To test whether the surface is dry enough to paint, tape a small square of clear plastic to centre of floor of pool early a.m. & check at noon. If condensation has formed under plastic, further drying is required.

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Shipway Spescoat

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PAINTING

Painting should be done during the warmer months, this will assist with curing. Check forecast for a period when no rain is predicted or heavy dew is unlikely. NOTE: If the freshly painted pool is spotted by rain or dew the surface may become bloomed (cloudy looking). If this occurs, thoroughly abrade surface prior to continuing with next coat. If water collects in the bottom of the pool before the coating is fully cured, premature failure may result.

Early morning to 11am is the best time of day to paint, as long as the surface is totally dry and the surface temperature is above 10°C. Ideal application temperature 15-30°C. Painting when the temperature is outside this range may damage the coating. Avoid painting in direct sunlight as this will cause paint to dry too quickly. Do not paint if temperature is likely to drop below 10°C during curing period. Remember in cold conditions surface temperatures are likely to be lower than ambient temperatures.

FORMINEX CHLORINATED RUBBER should be thoroughly mixed before use with a wide flat bladed stirrer or "potato masher" type mixed. Keep the mixed paint in a cool shaded area and out of direct sun.

Always apply FORMINEX CHLORINATED RUBBER POOL PAINT at the recommended application rate. Do not apply thin coats as this will result in premature wear of the coating. We have calculated the amount of paint you need for the measurements of your pool. If you have a significant quantity left over then you have not put enough on the surface.

Apply 1st coat Forminex Epoxy Pool Paint thinned 20% with FORMINEX CHLORINATED RUBBER THINNERS. *Do not apply too thickly as blisters may occur.*

Apply second coat when the surface is firm to walk on. This is usually a minimum of 12 hours. *Do not apply too thickly as blisters may occur.* Do not thin the second coat unless the surface being painted is unusually porous. Check with Shipway Spescoat first!

Apply third coat when the surface is firm to walk on. This is usually a minimum of 12 hours. *Do not apply too thickly as blisters may occur.* Do not thin the third coat.

Applying Chlorinated Rubber Coatings too thickly or applying them when sun or wind can rapidly dry the surface can result in trapped solvents and later problems with blistering.

Do not fill the pool until paint is fully cured. This will take 7 days during summer and up to 14 days during colder conditions. Avoid leaving pool empty for extended periods as chalking of paint surface may occur. During the first month of the pool being filled the paint surface is particularly sensitive to strong doses of chemical. It is better to bring the chemical levels up gradually.

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