

PAINTING SWIMMING POOLS CONCRETE OR MARBLESHEEN PREVIOUSLY PAINTED WITH CHLORINATED RUBBER

CHLORINATED RUBBER

Forminex Chlorinated Rubber Pool Paint is suitable to be used for the painting of concrete and marblesheen pools and will do an excellent job. However, 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 systems.

It is often not practical to strip or remove an existing chlorinated rubber coating so for recoating a pool previously painted with a chlorinated rubber coating we recommend FORMINEX CHLORINATED RUBBER POOL PAINT. Prior to painting it is essential to carry out a compatibility test to ensure the previous coating is compatible with the chlorinated rubber system.

COMPATIBILITY TEST: Soak a small area of cloth with SPESCOAT XT120 THINNER and rub the test surface with a cloth for 30 seconds. If the surface becomes sticky, redissolves and comes off on the cloth the paint used is most likely Chlorinated Rubber. If the surface is unaffected then it is probably a two pack paint (either epoxy or urethane) and Chlorinated Rubber should not be used.

PREPARATION

Ensure the existing paint is sound. Remove any peeling or flaking paint. Check other areas for signs of peeling or delaminating. Small areas of damaged concrete/marble sheen may be repaired with Epoxy Fillers. More significant problems should be referred to a professional.

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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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. Try to paint so that hot sun does not fall on painted surfaces for 3-4 hours after application. 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 a coat of FORMINEX CHLORINATED RUBBER POOL PAINT, thinned 20% to any repaired areas and thus uncoated areas as a “spot primer”.

Wipe entire surface with FORMINEX CHLORINATED RUBBER THINNERS and then paint immediately.

Apply 1st coat FORMINEX CHLORINATED RUBBER POOL PAINT. *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.*

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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