



Paint Academy Tutorial 14

Painting Pools and Ponds: Marbelite or Gunitite Surfaces (not previously painted)

DETERMINING YOUR PRODUCT REQUIREMENT:

- Measure area to which paint is to be applied.
- Depending on surface to which the product is to be applied, determine which products are needed. (Refer to Product Specifier Tool)
- Check the Theoretical Spread Rates (TSR) on each of the specified products and see how many coats of each are recommended, then calculate what quantities of each product you will require, remembering to make adjustments for the porosity of each surface. TSRs are based on products applied to smooth, sealed surfaces. (e.g. an unsealed scratch plaster surface will absorb more paint than a sealed smooth one, so allow for a lower spread rate).

Surface Preparation

1. Drain pool.
2. Acid wash and rinse well. The acid wash should be done by scrubbing the surface, (a few m² at a time), with undiluted pool acid and then well rinsed with water. Remove all rinse water immediately.
3. Repair plaster or marbelite where necessary.
4. Poison surface with **Ushevu** Algae Killer if necessary.
5. Mask mosaic with masking tape.
6. Pool to be clean and dry.
7. Ensure concrete or Marbelite are structurally sound. (No loose patches, cracks larger than hairline or loosely bound surfaces).
8. Sand rough areas to a smooth finish. Remove all sanding dust.

Application of Primer

1. Apply 1 coat **PoolCure Primer** (clear). Spread primer well to achieve penetration of the surface to which it is applied. (cement or Marbelite). The primer application is the most important step in painting your swimming pool. Allow the first primer coat to dry for at least 2 hours (at 25°C). Please note these drying times will be decreased in temperatures higher than 25°C, and increase in temperatures lower than 25°C.
2. Apply a 2nd primer coat to all areas to be painted. Before application of **PoolCure Top Coat** the primer must have left a smooth, shiny skin on the surface of the pool. If excessive absorption of the primer into the surface of the pool has occurred, (i.e the primer has not penetrated the surface sufficiently to leave a smooth skin), a 3rd coat of primer will be necessary.
3. Always prime with **PoolCure Primer** before application of **PoolCure Top Coats**.

Application of PoolCure Top Coat

1. Apply the first topcoat after the Primer has dried. Allow 6 hrs @ 25°C between topcoats. Apply a second or third top coat. Apply the top coats in a few thin coats rather than two thick coats as this will cause solvent entrapment.
2. Poolcure will be dust free after 1.5 Hrs at 25°C after application. Poolcure Top Coat should have at least 12 hours to cure before thundershowers. Should this happen after the 12-hour period; all water should be dried off the surface as soon as possible. Poolcure may be damaged if rained on before the 12-hour period. The swimming pool should stand empty for at least 7 days after application of the final coat, before filling the pool.

3. Once the pool is full of water, chlorine (in powder form), **MUST NOT** be sprinkled into the pool and left to lay on the paint surface, (this may cause staining). Add the chlorine into the pool weir while the pool pump is in operation or dissolve in a bucket before adding to the pool. If ambient temperatures drop below those specified please call Paintcor for advice before proceeding with the various stages of painting.
4. **NOTE:** Excessive use of pool chemicals (pH too high or low and higher than recommended chlorine levels) will reduce the life of your paint system, especially the colour blue.

General:

- Do not apply the top coats at too thick. It is more effective to apply more thin coats. (i.e no more than 40 microns per coat).
- Rust will stain **PoolCure TopCoat.** (i.e. if metal is left laying underwater on the pool paint).
- If leaves or plant matter are left lying underwater on the paint film for long periods, staining may occur.
- Powder chlorine should be added to the pool weir while the pool pump is in operation and not just casually sprinkled into the pool and left to lie on the paint system. This could cause staining.
- Please pay attention to caution on data sheets before using this product.

Relevant Product Information

Ushevu

Theoretical Spread Rate	20m ² per litre
No. of Coats Required	1 Coat
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 24 hours

PoolCure Primer

Theoretical Spread Rate	Cementitious: 15m ² per litre (can be as low as 4m ² per litre)
No. of Coats Required	1 to 3 coats
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 2 hours

Top Coat

PoolCure TopCoat

Theoretical Spread Rate	8m ² per litre
No. of Coats Required	2 Coats minimum
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes Allow 4 hours between Coats

