BERLINGPaints

POOL PAINT

One-component special paint for swimming pools

BERLING
Color has a Name!

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Packing
0.70lt - 3.50lt

Bases
Available in white, light blue and transparent Base C

stir well before use

Coverage
4 - 6m2/lt, on non-porous surfaces.

Drying time
Touch dry after ½ to 1 hour, depending on weather conditions.

Application
roller

Application
brush

Description

High quality, one-component solvent-based paint, ideal for pools and non-potable water tanks. Provides excellent resistance to chemicals and water. It is also used for surfaces that require special resistance to humidity, weak acids and other chemical solutions (other than strong acids).

Purpose of Use

For professional use on interior or exterior concrete pools, fountains and various water tanks.

Product Characteristics

- One-component pool paint.
- Very good adhesion.
- High performance and coverage
- High resistance to humidity.
- High chemical resistance.

Shades

Available in white, light blue and transparent Base C to achieve many shades with Berling's tinting system.

Performance

4 - 6m^2/lt, on non-porous surfaces.

Packaging

0.70lt - 3.50lt

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Recommended paint systems

Well-prepared old and new surfaces

Bases
Available in white, light blue and transparent Base C

- Preparation - Read the following instructions
- Primer - Pool paint - Thinned with Solvent E 15-20 % by volume - 1 Coating
- Final coating - Pool paint - Thinned with Solvent E 5-10% by volume - 2 coatings

stir well before use

Application conditions

It is applied at temperatures from 10^0C to 35^0C and maximum relative humidity 70%.

Coverage
4 - 6m2/lt, on non-porous surfaces.

Surface preparation

Pool paint is applied to concrete surfaces. In order to ensure the absolute suitability of the surface to be painted, the surface should be inspected by a qualified technician before starting any work to assess the surface condition and the work progress. Attention should be paid to the following points:

Drying time
Touch dry after ½ to 1 hour, depending on weather conditions.

The pool should be properly sealed during its construction to avoid rising humidity and leakage. The materials that can be used are special cementitious base seal screeds. Materials such as Damp proof are not recommended for swimming pool use.

Application
roller

The quantity of salts on the surface must be as small as possible and must be measured by a special electrical conductivity instrument. If the value is high then waterblast with 100 - 150 bar pressure must be applied to the surface. After watering and after the surface has dried, repeat the measurement.

Application
brush

The surface should be smooth without unevenness and without recesses to ensure a uniform distribution of the primer and full coverage of the surface. If it is required it is necessary to reduce the severe roughness by mechanical means. (sanding - sandpaper). If there are large cracks or recesses, it should first be repaired with special fast-drying cementitious repair materials that can be used in swimming pools.

Pool cement must be let dry for at least 27 days at a temperature of 25^0C and a maximum humidity of 70%.

If cement mortar is used for castings, the cement must also be allowed to dry for at least 7 days.
In conditions of high humidity (eg rain), which cause the hydration of the cement, the pool must be let dry for at least 7 days under normal ambient conditions before applying the pool paint.

The alkalinity of the substrate before starting work should be at normal levels. (The pH of the surface should be neutral to slightly alkaline 7-9 units). The pH can be measured by special PH indicators. If alkalinity is increased we should wait and repeat the measurement until it falls to normal levels.
The surface before painting should be dry and the humidity should be at acceptable levels (4-4.5%). It is necessary to measure with a special humidity meter
The surface should be free of fats, oils and other materials which will reduce the adhesion of the coating. The use of waterblasting and/or specific cleansing agents consists of removing such substances.
The weather conditions during the application of the materials should be ideal as specified below.

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The application surface must be thoroughly cleaned from dust, salts, etc., and if the pool is to be re-painted in addition to the instructions already mentioned, the following instructions must be followed:
We use 100-150 bar of waterblast to remove loose paints that are ready to be detached.
We use mechanical means to remove old and friable materials. We use thick sandpaper (24 or 36) to get the surface rough, which will facilitate subsequent coatings.

We use 100-150 bar of water jet to remove the dust that has been created and remove salts that are present on the surface. The presence of salts on the surface should be as less as possible and should be measured by a special instrument of electrical conductivity. If the rate is high then re-watering must be done on the surface with a 100-150 bar pressure machine. After watering and after the surface has dried, repeat the measurement.

If detachments occur after cleaning and hydration, repairs should be made to special cement-based repair mortars, which must be suitable for use in swimming pools. Materials such as Damp proof are not recommended for swimming pool use.

Apply with a brush or roller to well-prepared surfaces.

For complete hardening of the paint and the safe filling of the swimming pool with water it is necessary to pass 10-12 days after the application of the final coating, at an ambient temperature of 25°C and a maximum humidity of 70%. By filling the swimming pool in a shorter period of time or wetting it with rain over the period of hardening of the paint is likely to cause paint adhesion problems on the surface of the pool.

Technical characteristics

- **Specific gravity:** 1.50 ± 0.03 gr/cm^3 (ISO 2811) depending on the shade.
- **Pigments:** Titanium dioxide (for white).
- **Filling materials:** Calcium carbonate, aluminum silicate.
- **Viscosity:** 95-115 K.U., 250C.
- **Coverage:** 4 - 6 m/lt, depending on the absorbency of the surface.
- **Drying time:** Touch dry after ½ to 1 hour, depending on weather conditions.
  (These times may be prolonged depending on temperature and humidity).
- **Recoat:** after 16 hours, depending on weather conditions.
  (These times may be prolonged depending on temperature and humidity).
- **Solvent:** Solvent E´.
- **Thinning:** Thin at a percentage up 15 to 20% by volume of E 'solvent if used as a primer and 5-10% by volume for subsequent coatings.

Storage

Keep containers air- tight sealed and protected from frost. Keep away from food, drink beverages, direct sunlight, and heat sources. After opening the container, use the material after a short time. For long-term storage the product should be stored indoors to avoid exposure to very low or high temperatures and high humidity conditions.

For more information, please refer to the Product Safety Data Sheet

Precaution- Environmental effect prevention

Empty containers and paint remains should be treated as hazardous waste in accordance with applicable legislation and local regulations. Do not dispose of with household waste. Ask the local authorities for disposal of remnants and empty containers. Wear protective gloves, footwear and clothing. Do not breathe fumes. Product for professional use.

Read the Safety Data Sheet before using the product.

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All the above information is based on laboratory tests and long-term experience of the company's scientific personnel. Product quality is guaranteed by our operational system, which is based on the requirements of ISO 9001, OHSAS 14001 and ISO 18001 Standards and EMAS Regulation. As producers we don't take any responsibility for any damage that may caused in cases that the product hasn't been used for the appropriate application and according to the application instructions.

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