



Pool Paint

Product Description

A two-component, aliphatic polyurethane coating especially designed for properly prepared concrete, fiberglass and steel pools. It is extremely durable in fresh and salt water and is resistant to common pool chemicals, including chlorine. The product can be applied directly to a variety of substrates, including properly prepared epoxy coatings.

Product uses:

Mainly designed for new fiberglass and concrete swimming pools, the product can also be used for the protection of other suitably primed substrates.

Properties

- Extremely Durable In Fresh & Salt Water
- waterproof.
- Good chemical resistance.
- Impermeable to water and other liquids.
- Resistant To Common Pool Chemicals
- UV resistance

TECHNICAL PROPERTIES

<i>Appearance/Color</i>	Semi-gloss / RAL Color Card
<i>Density:</i>	1.35 kg/liter
<i>Volume solids %:</i>	58 %
<i>Theoretical spreading rate:</i>	7.73 m ² /ltr / 5.73 m ² /kg (75 micron DFT)
<i>Consumption:</i>	0.130-0.140 ltr/ m ² (175-200 g/m ²)
<i>Recommended DFT:</i> <i>(Dry Film thickness)</i>	75-100 micron per coat
<i>Flash Point:</i>	22° C. / 71.6 °F
<i>Open time:</i>	2 hours (23°C and 50% R.H.)
<i>Surface dry:</i>	1 - 2 approx. hour(s) 23°C/73.4°F 50% R.H
<i>Light foot traffic</i>	12-18 hours (23°C and 50% R.H.)
<i>Full dry:</i>	24 hours (23°C and 50 % R.H.)
<i>Full cure time:</i>	7 days (23°C and 50 % R.H.)
<i>Application temperature:</i>	+8 °C/46.4° F and +35 °C/ 95°F
<i>Min. cure temperature:</i>	+10°C/50°F

Application Details

<i>Mixing Ratio:</i>	Component A: 4.2 – Component B: 0.3 (By weight)
<i>Application method:</i>	Brush / Roll / Airless Spray
<i>Thinner:</i>	Polyurethane Thinner
<i>Thinner Amount:</i>	Brush : Do not thin Roll: 10 % Airless Spray 5-7 %



Surface Preparation:

- Surface must be dry, clean and free of all contamination such as dirt, oil, grease, and coatings etc. which hinder adhesion.
- Surface must be firm and have enough strength. If in doubt, apply a test area before beginning.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- All dust, loose and friable particles should be removed from the surface before application with brush and/or vacuum cleaner.
- Grinding by diamond disk should take over the place and all the dust must be removed by vacuum machine.
- All the cracks must be repaired by epoxy filler or epoxy mortar.
- A and B components should be thoroughly mixed for 3-4 minutes in order to achieve a homogenous mix using a low speed electric stirrer or other suitable equipment until a homogenous mixture has been achieved. After mixing, primer is ready for application.
- **New or Unpainted Concrete Pools:**
Pools should not be painted for 60 days after construction is completed in order for concrete to cure completely.
- **Previously Painted Concrete Pools:**
The pool surface to be painted must be free from all oil, grease, wax, dust, dirt, mildew, suntan oils, and any other foreign contaminant before painting. All loose scaling or peeling paint or badly deteriorated surfaces must be sand blasted for proper paint removal and preparation. All holes, cracks, surface breaks or gouges must be prepared using proper patching materials. Wash all surfaces with a citrus-based degreaser/cleaner.

PRECEDING COAT:

- Top Floor TS 500-SB for concrete & cement plaster
- Topxy Metal Primer 1500 for metal & fiberglass surfaces

Important Remarks:

- Concrete surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm² compression resistance and minimum 1, 5 N/mm² tensile strength.
- Applications below 10°C should be avoided.
- High temperatures lower the pot life of the product, while low temperatures extend cure time and consumption.
- Be careful about product mixing ratios.
- The surface should be protected from moisture and rain for 8-10 hours after application.
- All application tools and equipment should be cleaned with thinner immediately after the use. Cured material can only be removed mechanically.



- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a Temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

Shelf life & Storage:

18 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notice:

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