

POOL COAT 245

Polyurethane Based Swimming Pool Paint

Description

POOL COAT 245 is a two component, polyurethane resin based, blue colored swimming pool paint.

Fields of Application

- In pool coatings, water tanks
- In metal tanks,
- In ornamental pool, ponds, dams, water channels
- It can be applied on concrete, plaster, screed, cement based surfaces.

Features and Benefits

- Highly resistant to water and chemicals.
- Does not affected by water and water pressure.
- Elastic.
- Resistant to pool chemicals, alkaline and chloride.
- Has high resistant to mildew, fungus and algae.
- Does not cause discoloration or calcification.
- UV resistance.

Technical Data

Content	Polyurethane Resin
Density A	1,25 ± 0,10 g/cm ³
Viscosity A	1000-3000 mPa.s
Solid Content	67% (by weight) ± 2
Color	Blue
Water Transmission Rate	< 0,1 CLASS W3
Adhesion Strength by Pull-off	Rigid system without trafficking ≥ 1.0 N/mm ²
Permeability to Water Vapour	S _D ≤ 5 CLASS I
Application Temperature	Between +5°C to +35°C
Curing Time	
<i>Touch free time</i>	6 hours
<i>Through dry time</i>	10 days
Pot Life	5-6 hours

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GTIP No 3208.90.91.00.23

Application Procedure

Preparation of Substrate

The application surface must be durable, dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and remove loose pieces. Surface defects, porous, gaps should be covered with suitable surface repair mortars. Old coatings must be roughened before the application. Surface should be primed with proper primers.

Application

POOL COAT 245 component A and component B should be stir well 3-4 minutes under mixer until homogenous mixing get. Material should be applied on a surface with a brush, roller or spray gun as 2-3 coats. Second coat should be applied after first coat is dry in 24 hours. The prepared mixture should be consumed in 5 - 6 hours. After the application, the pool should be left to curing 10 days, before filling water.

Consumption

1 kg/m² two layers

Packaging

4,5 kg set (Component A: 4 kg paint, Component B: 0,5 kg hardener)

Shelf Life

24 months in original, unopened package.

Storage

Store in dry area between +10°C and +35°C. Protect from heat, freezing and direct sunlight.

Cleanup Information

Clean tools and equipment with cellulosic thinner immediately after use. Dried material can only be removed mechanically.

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Cautions / Limitations

- Resistant to acidic detergents, disinfectants, chlorinated water. It is not resistant to solvents.
- If the swimming pool water is sterilized with an ozonation device, only white color should be preferred.
- Curing period is approximately 5 days. During this period, the environment should be regularly ventilated.
- Relative air humidity should be less than 75% until full curing is achieved.
- It should not be used on coatings with high elasticity (polyurea, polyurethane, etc.).
- May cause skin irritation.
- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +10°C and above +30°C.
- Avoid heavy traffic for 24 hours.

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.