

NET:
4,5 KG

QuaPool 3090

Technical Data Sheet



yeykim®
YAPI KİMYASALLARI
CONSTRUCTION CHEMICALS

Product Description:

QuaPool is a specially formulated pool paint for long-lasting and aesthetic appearance of pool surfaces. It shows high resistance against water and abrasion. The mixture obtained by mixing the A and B components in the specified ratios offers the opportunity to apply in a short time thanks to its fast curing feature. Since the prepared mixture should be applied to the surface quickly, it is in small packages such as 4.5 kg/set.

Application Areas:

- Pools, ornamental pools
- Water tanks, water tanks
- Ponds
- Water channels , Dams

Technical Specifications:

Color: Blue

Viscosity: 1300 mPas (± 100)

Density: 1.20 gr/cm³

Powder Drying Time: 10 Minutes

Crush Result Grain Size: 40-50 Mikron

Solids Content (% by weight): %65 (± %3)

Gloss: 60 Gloss / 60 Derece

Water Vapor Permeability: Class I

Capillary Water Absorption and Water Permeability: $W < 0,1 \text{ kg/m}^2\text{h}^{05}$

Tensile Bond Strength: $\geq 1,5 \text{ N/mm}^2$

Advantages:

- Does not crack and does not separate from the surface thanks to its hard and elastic structure.
- It shows high resistance against alkali and chlorine; it is not affected by pool chemicals.
- It adds aesthetics to your pool with its blue color option.
- Resistant to the pressure created by the tonnage of the water mass.

Surface Preparation:

Concrete floors where Pool Paint will be applied must be cleaned of any oil, dust and dirt. This process should strengthen the bond between the paint and the surface. Elements that prevent adhesion such as free pieces, cement grout and old paint residue on concrete surfaces should be cleaned and the floor should be ensured to have sufficient durability. If the floor to be applied is tiled, it must be roughened. There are two roughening methods for this process: mechanical and chemical.

In mechanical roughening; the glossy surface of the tile should be abraded by attaching a diamond tip to the spiral machine or with diamond-headed wiping machines.

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For chemical roughening; Quattro QuaSlip should be rubbed on the surface with a brush and applied for 1 hour. After the product is evenly distributed over the entire surface, the surface should be rinsed thoroughly with plenty of water, again with the help of a brush. After this rinsing process, make sure that there is no residue etc. left on the surface. Since the water used during rinsing moisturizes the surface, the surface should be left to dry for 24 hours to proceed with the primer application. With QuaSlip application, ceramic and mosaic surfaces will become matt and thus the adhesion of the primer to the surface will be increased.

Concrete floor should have a minimum compressive strength of 25 N/mm² and a minimum tensile strength of 1.5-2 N/mm². Surface preparation operations should be carried out by mechanical methods (shot-blasting, diamond grinder, diamond stone) and the grout layer formed on the surface should be cleaned. The dust layer should be cleaned with an industrial vacuum cleaner and there should be absolutely no loose parts.

Preparation Instructions:

Since QuaPool is a two-component product, first pour 4.0 KG of blue colored paint and 0.5 KG of hardener into another bucket and mix for 3 minutes without stopping. After 3 minutes, the product is ready for use.

Instructions for Use:

First coat Application: Depending on the surface, air and ambient temperature, 12 hours after the primer application with a consumption of 0.250 kg/m², QuaPool is applied as the 1st coat with a synthetic epoxy roller or airless machine. Depending on the air temperature, the solvent in the paint may evaporate quickly. In such cases, up to 5% cellulosic thinner can be added to the paint and the lost fluidity viscosity can be recovered. Paint applied surfaces should be protected from moisture, dust and air flow. Before the second coat application, it should not be stepped on, pedestrian-vehicle traffic should be prevented and it should be left to dry for 6 hours.

Second coat application: The paint preparation and application made in the first coat should be repeated in the second coat and the paint should be applied. 24 hours is enough to open it for pedestrian traffic. For vehicle traffic, it is necessary to wait 7 days.

Consumption:

Average 350 - 400 gr/m² in double coat. 13-15 m² surface can be painted with a 4.5 kg/set package.

Packaging:

4,5 KG Set Tin

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Storage:

- Protected from water, frost and adverse weather conditions.
- Should be stored in a dry and cool environment (between +10 °C and +25 °C)
- Production date is on the label.
- Shelf life is 12 months if the specified storage conditions are followed.

Caution:

- The water of the pool should be completely drained and the moisture should be allowed to dry for 1 week.
- Water leaks in the pool should be detected and repaired first. The detected cracks and holes can be repaired with epoxy mortar.
- The surface should be thoroughly cleaned and cleaned from chemical deposits.
- The entire surface of the swimming pool should be washed with a pressure washer.
- After the preliminary preparation in the pool, it is absolutely necessary to perform abrasion process in order to ensure better adhesion of the paint to be applied on the floor (ceramic, btb mosaic coatings).
- Spiral machine or Quattro QuaSlip Solution can be used for abrasion.
- The prepared mixture should be applied within 1-1.5 hours. This time is shortened due to the high air temperature in summer months.
- Wait at least 6 hours for the first coat of pool paint to dry. After drying is complete, the 2nd coat should be applied.
- After the painting process is finished in the pool, it should be left to cure for 7 days to fill water.

Safety Precautions:

R37/38 irritant for respiratory tract and skin.

R41 risk of serious damage to eyes.

R43 may cause sensitization on contact with skin.

S24/25 Avoid contact with eyes and skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and consult a doctor.

37/39 Wear suitable gloves and protect eyes/face.

Quattro