POLYWAP 9305 POOL PAINT 2 – K

E-CATALOG

TWO COMPONENT, POLYASPARTIC BASED POOL COATING AND PAINTING SYSTEM



DESCRIPTION FOR IT

It is a high performance, two component coating system with high uv resistance, developed using fully aliphatic polyaspartic resin technology and designed for use in indoor and outdoor pools.

AREAS OF USE

It is used in swimming pools, ornamental pools, water tank surface coatings, concrete surfaces around pools, ceramic tiled
surfaces treated with a suitable primer, and spa and wet areas.

ADVANTAGES

Superior color fastness. 100% aliphatic, uv resistant, and non yellowing. Rapid curing and abrasion resistance. High durability and excellent water and chemical resistance. Exceptionally flexible and solvent free; easy to apply, clean, and maintain. Low dirt retention. Resistant to pool chemicals and saltwater. Can be applied to ceramic and metal surfaces with a suitable primer.

APPLICATION CONDITIONS

Application should not be carried out in very hot or rainy weather. The ambient temperature during application must be between +15°C and +35°C. It should not be applied to surfaces that are thawing or frozen, or to surfaces at risk of freezing within 24 hours. Old mineral surfaces that are dusting or crumbling must be repaired prior to application.

TOOLS USED

Hand mixer, brush, roller.

SURFACE PREPARATION

The surface to be coated must be clean, dry, sound, and structurally stable. Dust, oil, dirt, loose particles, curing compound residues, paint traces, and any other contaminants that could impair adhesion must be removed. Surface moisture levels on concrete substrates must be checked. Weak surface layers must be removed mechanically. Damaged areas should be repaired using WAP TH – 602 repair mortar. POLYWAP 9204 PRIMER PU 100 1K is recommended as the suitable primer. For ceramic tiled surfaces, the surface must be thoroughly cleaned and degreased. Any defects in the ceramic grout joints should be refilled using WAP DD 301 FLEX grout filler. POLYWAP 9205 MICRO SEALER PU 150 1-K is recommended as the suitable primer. POLYWAP 9205 MICRO SEALER PU 150 1-K should be used to enhance adhesion on non absorbent or low absorbency surfaces. POLYWAP 9204 PRIMER PU 100 1-K should be used to enhance adhesion on absorbent surfaces. Application of the polyaspartic coating should proceed only after the primer has dried completely.

APPLICATION

Component B is added to Component A and mixed using a low speed mechanical mixer until the mixture is homogeneous. Once prepared, the mixture is applied to the surface using a roller, brush, or other suitable equipment. The product is typically applied in a single coat, though two thin coats may be applied if deemed necessary. The recommended application thickness should be determined based on the surface's porosity and the intended use. Consumption rates may vary depending on surface porosity, roughness, temperature, and the application method. High temperatures reduce the pot life of the mixture. Regarding curing and commissioning, following application, the surface must be protected from water, moisture, and condensation for the first 24 hours. It must also be protected against mechanical impact. The product must be allowed to cure fully before the pool is filled with water; the recommended waiting period before filling the pool is a minimum of 5–7 days.

CONSUMPTION

Total consumption 0.30 kg – 0.50 kg/m²

TOOLS CLEANING

Clean the tools and equipment first with a paper towel, then wipe them with solvent. The rollers cannot be reused.

PACKAGING

PACKAGING

STORAGE AND SHELF LIFE

It should be stored in a dry, moisture free environment away from direct sunlight, at temperatures between +5°C and +25°C.
The shelf life is 12 months from the date of manufacture, provided the packaging remains undamaged and unopened.
Packaging must be protected from frost and heat. Pallets should not be stacked on top of each other during transport and storage.

STANDARD

EN 1504-2:2004 CE Certificate

TECNİCAL FORM

Product composition	In ral colors
Color	In ral colors
Pot life	30–45 minutes at 20°C
Density	(23 °C) 1,10 ± 0,05 gr/cm3
Application temperature	Between +5°C and 35°C
Application	2 coats
Drying time	6-8 hours
Heat resistance	Between -40°C and +80°C
Full cure (Drying)	7 days
Drying time between layers	Max. 4–6 hours
Chemical resistance	7 days