

Polyurethane Based, 2 Component Pool Paint

ISONEM POOL is the swimming pool paint which is based on polyurethane resin, consisting of two components, blue in color. It is not affected by water and water pressure. **ISONEM POOL** is particularly very ideal to use in swimming pools which are new made, decorative pools in the cases where the ceramic covering will not use. It gives a homogeneous blue appearance on the surface applied. It is elastic, not crack, it is not affected by the UV lights and the swimming pool chemicals. The product has high resistance against alkali and chloride. Its color does not fade in time, not destroyed underwater, abrasion-proofing. The workmanship is very easy and economic.

USAGE AREAS

- In pools, water tanks, water tanks,
- In metal tanks and water cisterns,
- In ornamental ponds, ponds, dams, water channels,
- In the treatment and balance tanks,
- On concrete, plaster, and screed.

APPLICATION INFORMATION

Surface Preparation : The surface to be coated must be clean, dry and all impurities that can affect the adhesion like dirt, oil, loose paint or foreign material must be cleaned. Surface repairs, cracks and gaps should be repaired with **ISONEM M 03** Elastic Repair Mortar. Before the **ISONEM POOL** application, concrete and plaster coated surfaces should be primed with **ISONEM EP PRIMER** (Solvent-free epoxy based primer) with consumption of 0,25 – 0,4 kg/m². **Preparation of the mixing :** To prepare **ISONEM POOL** for use, first stir the contents of the A Component (Paint) and then add the contents of the B Component (Hardener) and mix homogeneously for 4 minutes to ensure thorough mixing.

Application Method : It should be applied with a brush, roller or appropriate spray and left to dry. The second layer should be applied after the first coat is dried, in 24 hours. The prepared mixture should be consumed in 5 - 6 hours time. After the application, the pool should be left to curing 10 days, before filling water.

CONSUMPTION : Approximately 1 kg/m² [2 layers] 4,5 – 5 m²/1 tin box.

PACKING : 4,5 kg set (A Component: 4 kg canister (paint) + B component: 0,5 kg canister (hardener))

STORAGE : 24 months in original, unopened package, cool and dry environment.

TECHNICAL SPECIFICATIONS

- **Type :** Polyurethane resin based, solvent based, two-component
- **Color :** Blue
- **Flash point :** > 21°C
- **Solids (%) :** 67 ± 2
- **Density [25°C, g/mL] :** 1.25 ± 0.1 gr / ml
- **Pot life [20°C] :** 5 - 6 hours

IMPORTANT The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. After the application, the pool should be left to curing 10 days, before filling water.

General Features

- %100 Water Isolation
- UV Resistance
- Elastic
- B fl S1 Fire Class
- Mechanical Resistance

Application Conditions and Risks

Things to consider during and after the application	The application surfaces must be clean and free from dirt, oil, rust etc...
Applicable temperature	Between +5 and +35°C
ISONEM products for surface preparation	ISONEM M 03 for surface repair and ISONEM EP PRIMER for primer application.
Application requirement	ISONEM EP PRIMER Primer application should wait for 1 day.



Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	Same direction as the first layer	Same direction as the first layer	X	Same direction as the first layer	X	Same direction as the first layer
Surface Humidity	Dry	Dry	X	Dry	X	Dry
Application Tools	Roller brush, a suitable spray	Roller brush, a suitable spray	X	Roller brush, a suitable spray	X	Roller brush, a suitable spray
Primer Usage	ISONEM EP PRIMER	ISONEM EP PRIMER	X	ISONEM EP PRIMER	X	ISONEM EP PRIMER
Primer.Conspt	0,25 - 0,4 kg / rh	0,25 - 0,4 kg / rh	X	0,25 - 0,4 kg / rh	X	0,25 - 0,4 kg / rh
Product Usage	2 Layers	2 Layers	X	2 Layers	X	2 Layers
Product.Conspt	1 kg/m ²	1 kg/m ²	X	1 kg/m ²	X	1 kg/m ²
Betw.Two.Coats	1 Day	1 Day	X	1 Day	X	1 Day
Application	10 Days	10 Days	X	10 Days	X	10 Days



Finishing

