



POOL

Polyurethane Based, Two-component Pool Paint, it is the swimming pool paint which is polyurethane resin based, 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, newly 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 reservoir, purification and balance tanks,
- In metal tanks and water cisterns,
- In ornamental pools, dams, water channels,
- 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 application of **ISONEM POOL**, in concrete, marble, granite, raw wood, tile, ceramic etc. surfaces, **ISONEM EP PRIMER** should be used as a primer with 0,250 - 0,400 kg/m² consumption. In steel/metal surfaces, the surfaced should be primed with **ISONEM ANTI RUST PRIMER** (Anticorrosive primer), consumption of 0,250 - 0,350 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 3 - 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. After the application, the pool should be left to curing 10 days, before filling water.

TECHNICAL SPECIFICATIONS

- **Density A comp. (25°C, g/mL)** : 1,25 ± 0,10
- **Viscosity A comp. (25°C, mPa.s)** : 1000 - 3000
- **Solid content (% Weight)** : 67 ± 2
- **Water transmission rate (kg / m². h^{0.5})** : < 0,1 CLASS W₃
- **Adhesion strength by pull-off test (N/mm²)** : Rigid system without trafficking ≥ 1.0 N/mm²
- **Permeability to water vapour (m)** : Sp ≤ 5 CLASS I
- **Pot life (23°C)** : 5 - 6 Hours
- **Solvent** : Organic solvent
- **Color** : Blue. You can consult our company for other color demands.
- **Product consumption** : 1 kg/m² (two layers)
- **Paintable (Coverage) Area** : Min. 4,5 m² /set (two layers)

PACKAGING & STORAGE

- **Packaging** : 4,5 kg set (Component A: 4 kg paint, Component B: 0,5 kg hardener)
- **Storage temperature (°C)** : 5 - 35 °C
- **Shelf life** : 24 months from date of production if stored in original, unopened, undamaged packages.
- **Storage condition** : Store tightly closed in a dry and cool place away from heat and fire.



! 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.

APPLICATION CONDITIONS and RISKS

Things to consider during and after the application

The application surface must be clean and free from all impurities like dirt, oil, and mud. If **ISONEM EP PRIMER** application will be, it should be waited for 1 day after the application.

Other ISONEM products recommended

In primer application, **ISONEM EP PRIMER** or **ISONEM ANTI RUST PRIMER** specified in the table below should be used depending on the application surface. **ISONEM M03** elastic repair mortar should be used for filling cracks and gaps.

Application temperature

It should be applied between 5 - 35 °C.

General Features



%100 Water Isolation



B fl S1 Fire Class



UV Resistance



Elastic Structure



Physical Resistance



CONCRETE



MARBLE, GRANITE



RAW WOOD



TILE, CERAMICS



MEMBRANE, SHINGLE



STEEL, METAL

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	In the same direction as the first layer	In the same direction as the first layer	X	In the same direction as the first layer	X	In the same direction as the first layer
Surface Humidity	Dry surface	Dry surface	X	Dry surface	X	Dry surface
Application Tools	Roller, brush, spray	Roller, brush, spray	X	Roller, brush, spray	X	Roller, brush, spray
Primer Usage	ISONEM EP PRIMER	ISONEM EP PRIMER	X	ISONEM EP PRIMER	X	ISONEM ANTI RUST PRIMER
Primer Consumption	0,25 - 0,40 kg/m ²	0,25 - 0,40 kg/m ²	X	0,25 - 0,40 kg/m ²	X	0,25 - 0,35 kg/m ²
Product Usage	2 Layers	2 Layers	X	2 Layers	X	2 Layers
Product Consumption	1 kg/m ² (2 Layers)	1 kg/m ² (2 Layers)	X	1 kg/m ² (2 Layers)	X	1 kg/m ² (2 Layers)
Between Two Coats	6 - 12 Hours	6 - 12 Hours	X	6 - 12 Hours	X	6 - 12 Hours
Touch-free Drying	6 Hours	6 Hours	X	6 Hours	X	6 Hours
Through Drying	10 Days	10 Days	X	10 Days	X	10 Days

Note : Drying times are approximate data, it may vary depending on ambient conditions.

