POOL TRANSPARENT

ISONEM Pool Transparent is a two-component, modified polyurethane resin-based, transparent pool paint designed to waterproof ceramic, tile, glass mosaic-coated surfaces with insulation problems. Ceramic, tile, glass mosaic, tile, etc. can be used to solve the insulation problems of existing pools. The product, which provides waterproofing in an extremely easy and economical way without the need to remove the coatings, gives the surface a bright appearance as well as excellent insulation on the surface it is applied. It is hard-elastic, does not crack, does not swell, does not lift. It is not affected by UV rays and pool chemicals. It is extremely resistant to alkali and chlorine. It does not turn yellow, does not deteriorate under water, does not corrode. It is extremely easy and economical to work.

USAGE AREAS

- Ceramic, tile, glass mosaic, tile, etc. covered swimming pools,
- In ornamental pools,
- Hammam, sauna, etc. in places,

APPLICATION PROCEDURE

Surface preparation: The surface must be clean, dry and free of foreign materials such as dirt, oil, coating, surface curing materials. After the water of the existing pools in use is drained, at least 7 days should be waited before the application in order to ensure that the joints are completely dry. If the existing joint fillers are worn, the necessary repairs and renewals must be made with cement-based joint fillers and full curing should be expected. Primer should be applied to the pre-prepared application surface before **ISONEM POOL TRANSPARENT** application, and **ISONEM Liquid Glass** product should be used in a single layer with a consumption of 75 – 150 g/m² in the primer application. 4 hours after the primer application, **ISONEM POOL TRANSPARENT**, which is the last layer, should be applied.
Preparation of the mixing: Before preparing the mixture, mix component A until it becomes homogeneous in itself. After adding component B to component A, mix for 3-4 minutes until a homogeneous mixture is obtained.
Application method: The application should be done in one coat, with a brush, roller or a suitable sprayer. The prepared mixture should be consumed within 5-6 hours. After the application, the pool should be left to cure for 10 days before being filled with water

TECHNICAL SPECIFICATIONS

- **Density A comp. (25°C, g/mL)** : 0,93 ± 0,10
- **pH (25°C)** : Not applicable (N/A)
- **Viscosity A comp. (25°C, mPa.s)** : Not applicable (N/A)
- **Solid content (% Weight)** : 30 ± 2
- **Water transmission rate (kg/ m². h^{0,5})** : < 0,1 CLASS W_3
- **Adhesion strength by pull-off test (N/mm²)** : Rigid system without trafficking ≥ 1.0 N/mm²
- **Permeability to water vapour (m)** : S_D ≤ 5 CLASS I
- **Pot life (23°C)** : 5 - 6 hours
- **Solvent** : Organic Solvent
- **Color** : Transparent
- **Product consumption** : 100 - 200 g/m²
- **Paintable (Coverage) Area** : 22,5 - 45 m² /set

PACKAGING & STORAGE

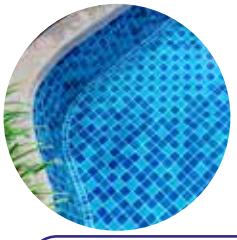
- **Packaging** : 4,5 kg set (Component A: 4 kg, Component B: 0,5 kg)
- **Storage temperature (°C)** : 5 - 35 °C
- **Shelf life** : 24 months from date of production if stored in original, unopened, undamaged packages.
- **Storage condition** : Store tightly closed in a dry and cool place away from heat 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 cure for 10 days before being filled with water. After the water discharge of the pools in use, it should be waited for at least 7 days for complete drying. Application should not be made on joints that have not been fully dried.

APPLICATION CONDITIONS and RISKS

Things to consider during and after the application	The application surface must be clean and free of substances such as dirt, oil, mud. If the existing joint fillers are worn before the application, they should be renewed. 4 hours after the primer application, the top coat should be applied.
Other ISONEM products recommended	In primer application, **ISONEM Liquid Glass** should be used.
Application temperature	It should be applied between 5 - 35°C.



General Features

- Provides %100 Waterproofing
- B fl S1 Fire Class
- UV Resistance
- Elastic Structure
- Physical Resistance

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	X	In the same direction as the first coat of primer	X	In the same direction as the first coat of primer	X	X
Surface Humidity	X	Must be dry	X	Must be dry	X	X
Application Tools	X	Roller (synthetic epoxy), brush, suitable spray	X	Roller (synthetic epoxy), brush, suitable spray	X	X
Primer Usage	X	ISONEM Liquid Glass	X	ISONEM Liquid Glass	X	X
Primer Consumption	X	75 - 100 g/m²	X	75 - 100 g/m²	X	X
Product Usage	X	1 Layer	X	1 Layer	X	X
Product Consumption	X	100 - 200 g/m²	X	100 - 200 g/m²	X	X
Between Two Coats	X	4 Hours	X	4 Hours	X	X
Touch-free Drying	X	6 Hours	X	6 Hours	X	X
Through Drying	X	10 Days	X	10 Days	X	X

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