

COUNTERTOP PAINT



ISONEM COUNTERTOP PAINT is a coating that provides a unique decorative appearance with its high gloss and excellent spreading feature, specially designed for the economic renewal of kitchencountertops. It is a two-component product with a high degree of physical and chemical resistance, extremely durable and does not contain any harmful substances. It is waterproof, resistant to mechanical loads and abrasion, easy to apply and clean, and hygienic.

PROPERTIES

- It is decorative and provides a glossy surface.
- It has physical and mechanical resistance, resistant to friction, impact and abrasion.
- It is easy to clean and practical.
- Quick and easy to apply, easy to maintain.
- It does not contain any harmful substance, it is hygienic.

USAGE AREAS

- Marble, granite, porcelain, quartz, wood, concrete surfaces,
- Wet floors such as kitchens and bathrooms
- Laboratories, food, chemical, medicine, etc. sectors.

APPLICATION INFORMATION

Surface preparation: Before the application, surface cleaning and primer application should be done. The application surface should be free from all kinds of oil, dirt, dust, and surface wastes. If necessary, surface cleaners should be used in order to clean the surface from all grease and dirt, and after the cleaning process, the surface should be cleaned from these cleaners and dirt with water. When it is sure the surface is completely cleaned and completely dry, primer application should be started. Concrete, marble, granite, raw wood, tiles, ceramics, and all similar surfaces should be primed with **ISONEM EP Primer**, an epoxy-based solvent-free primer with consumption of 0.250 - 0.400 kg / m².

Mixture preparation: **ISONEM COUNTERTOP PAINT** is supplied in ready-to-use sets according to the mixing ratio. The mixture should be prepared in the amount to be applied, paying attention to the mixture life. Before starting the mixture, make sure that the material temperatures are between 15 and 25 ° C. Component A should be mixed with a suitable mixer for 3 - 4 minutes without entraining air. Next, the entire B component should be poured into the A component and make sure that no material is left in the B component. A + B should be mixed for at least 3 minutes until a homogeneous mixture is obtained and the prepared mixture should be consumed within 30 - 40 minutes.

Application method: The mixture should be applied on the prepared surface with the help of a brush or roller. If thickness is desired, the second layer should be applied after the surface of the first layer has dried. Hard drying time reaches 18 - 24 hours. It passes full hardening and physical and chemical resistance in 7 days.

TECHNICAL SPECIFICATIONS

- **Density A comp. (25°C, g/mL)** : 1,40 ± 0,10
- **Viscosity A comp. (25°C, mPa.s)** : 3000 - 5000
- **Solid content (% Weight)** : 100
- **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, with trafficking ≥ 2,0 N/mm²
- **Permeability to water vapour (m)** : 5 ≤ S_p ≤ 50 CLASS II
- **Pot life (23°C)** : 30 - 40 minutes
- **Solvent** : Organic solvent
- **Color** : Produced in RAL Color Chart colors
- **Product consumption** : 1 kg SET: 0,3 - 0,5 kg/m², 2 kg SET: 0,6 - 1,0 kg/m²
- **Paintable (Coverage) Area** : 1 kg SET: 1 - 1,5 kg, 2 kg SET: 2 - 3 m²/set

PACKAGING & STORAGE

- **Packaging** : 2 kg set (Component A: 1,4 kg, Component B: 0,6 kg)
1 kg set (Component A: 0,7 kg, Component B: 0,3 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.

IT IS SUITABLE FOR INTERIOR USING ONLY.

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.
Other ISONEM products recommended	X
Application temperature	It should be applied between 5 - 35°C.



General Features

 Suitable for food contact places

 Can be customized with color chart

 C fl S1 Fire Class

 Hygienic, does not contain any harmful substances

 Mechanical Resistance

	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	In the same direction as the first layer	In the same direction as the first layer	X	X
Surface Humidity	Dry surface	Dry surface	Dry surface	Dry surface	X	X
Application Tools	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	X	X
Primer Usage	ISONEM EP PRIMER	ISONEM EP PRIMER	ISONEM EP PRIMER	ISONEM EP PRIMER	X	X
Primer Consumption	0,250 - 0,400 kg/m ²	0,250 - 0,400 kg/m ²	0,250 - 0,400 kg/m ²	0,250 - 0,400 kg/m ²	X	X
Product Usage	1 - 2 Layers	1 - 2 Layers	1 - 2 Layers	1 - 2 Layers	X	X
Product Consumption	0,6 - 1,0 kg/m ² (2 Layers)	0,6 - 1,0 kg/m ² (2 Layers)	0,6 - 1,0 kg/m ² (2 Layers)	0,6 - 1,0 kg/m ² (2 Layers)	X	X
Between Two Coats	12 Hours	12 Hours	12 Hours	12 Hours	X	X
Touch-free Drying	8 - 10 Hours	8 - 10 Hours	8 - 10 Hours	8 - 10 Hours	X	X
Through Drying	7 Days	7 Days	7 Days	7 Days	X	X

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

