

TECHNICAL DATA SHEET

ISONEM COUNTERTOP PAINT

(Counter Paint)

Product Description

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 kitchen countertops. It is a two-component product with a high degree of physical and chemical resistance, extremely durable and does not contain any harmful substances. Thanks to its self-primed and varnished structure, it does not require an additional primer and varnish. It is waterproof, resistant to mechanical loads and abrasion, easy to apply and clean, and hygienic.

- 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

IT IS SUITABLE FOR INTERIOR USING ONLY.

Technical Specifications

Density A comp. (25°C, g/mL)	: 1,40 ± 0,10
pH (25°C)	: Not applicable (N/A)
Viscosity A comp. (25°C, mPa.s)	: 3000 - 5000
Solid content B comp. (% Weight)	: Not applicable (N/A)
Water transmission rate (kg/ m ² . h ^{0.5})	: < 0,1 CLASS W ₃
Adhesion strength by pull-off test (N/mm ²)	: Rigid system without trafficking ≥ 1.0 N/mm ² , with trafficking ≥ 2,0 N/mm ²
Permeability to water vapour (m)	: 5 ≤ S _D ≤ 50 CLASS II
Touch-free Drying	: 8 - 10 hours
Through-dry time	: 7 days
Pot life (23°C)	: 30 - 40 minutes
Solvent	: Organic solvent
Class of fire reaction	: C fl S1
Color	: Produced in RAL colors

Application Procedure

Surface preparation

For the concrete surface: The application surfaces should be free from all kinds of oil, dirt, dust and surface wastes, and should be dry and clean. It does not require any primer application.

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.

Application Conditions / Limitations

<u>Application</u>	: In the same direction as the first
<u>Surface humidity</u>	: Dry surface
<u>Primer usage</u>	: X
<u>Primer consumption</u>	: X
<u>Product usage</u>	: 1 or 2 layers
<u>Product consumption</u>	: 0,6 – 1,0 kg/m ²
<u>Paintable (Coverage) Area</u>	: 2 - 3 m ² /set
<u>Between two coats</u>	: 6 - 24 hours
<u>Recommended application tools</u>	: Roller (synthetic epoxy), brush, suitable spray
<u>Application temperature (°C)</u>	: 5 - 35 °C
<u>Things to consider during and after the application:</u>	The application surface must be clean and free from all impurities like dirt, oil, and mud.
<u>Other ISONEM products recommended:</u>	X

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.

Packaging & Storage


<u>Packaging</u>	: 2 kg set (Component A: 1,4 kg, Component B: 0,6 kg)
<u>Storage temperature (°C)</u>	: 5 - 35 °C
<u>Shelf life</u>	: 24 months from date of production if stored in original, unopened, undamaged packages.
<u>Storage condition</u>	: Store tightly closed in a dry and cool place away from heat and fire.

Cleaning of Tools

Clean all tools and application equipment with cellulosic thinner immediately after use.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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Isonem Paint and Insulation Technologies Construction Industry Trade Inc. - 35470/İZMİR ITOB OSB 10001 Sok. No:20 Tekeli Menderes / İzmir - TURKEY 19		
2765-CPR-0136 TS EN 1504-2: Surface protection systems for concrete - Coating (COUNTERTOP PAINT) DoP No: 52		
	STANDARD VALUE	CONTROL VALUE
Permeability to water vapour	Class I $S_D < 5$ m (permeable to water vapour) Class II $5 \text{ m} \leq S_D \leq 50$ m Class III $S_D > 50$ m (not permeable to water)	Class II - 50 m
Capillary absorption and permeability to water	$w < 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$	$0,05 \text{ kg/m}^2 \cdot \text{h}^{0,5}$
Adhesion strength by pull-off test	Without trafficking $\geq 1,0 \text{ N/mm}^2$ With trafficking $\geq 2,0 \text{ N/mm}^2$	Rigid system without trafficking $1,0 \text{ N/mm}^2$ with trafficking $2,0 \text{ N/mm}^2$
Dangerous substances comply with 5.4		
Class of fire reaction: C fl S1		

Statement of Responsibility

The technical information and application advice given in this ISONEM Paint & Insulation Technologies publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

