



ANTI SOUND PAINT

ANTI SOUND PAINT, it is an acoustical paint for damping and blocking of noise that is designed to absorb and isolate sound in the best way. According to TS 140-4 Standard, in the results of the measurement and analysis, the applied paint, in 1/3 octave frequency in terms of dB, according to 1000 Hz;

- When applied with a thickness of 1 mm, till 2,51 dB
- When applied with a thickness of 2 mm, till 4.85 dB

It has been certified by the Turkak approved accredited laboratories where it has reduced and absorbed the sound. Water-based and single-component **ISONEM ANTI SOUND PAINT** can be produced in desired colors. Besides sound insulation, it is resistant to fire due to its late inflammability and non-flammable properties. It is water based, acrylic emulsion-based, one component. It can be used as interior and exterior sound insulation paint in all places where noise is not desired.

USAGE AREAS

- In apartments, hospitals and hotels, schools, nurseries,
- In engine and engine rooms,
- In entertainment venues, cinema and theater halls,
- Vehicle and yachts, military facilities, shooting ranges.

APPLICATION INFORMATION

Surface preparation: Before application, the surfaces must be clean, free of oil, dirt, mud and loose parts should be cleaned. Before **ISONEM ANTI SOUND PAINT** application, **ISONEM UNIVERSAL PRIMER** (1: 7 diluted with water - 1 part primer, 7 part water) insulation and paint primer should be applied one layer with 100 - 200 g/m² consumption. The main application should be started after the primer application is waited to dry between 4-6 hours. Before **ISONEM ANTI SOUND PAINT** application, **ISONEM UNIVERSAL PRIMER** (1: 7 diluted with water - 1 part primer, 7 part water) insulation and paint primer should be applied one layer with 100 - 200 g/m² consumption and then is allowed to dry for 4 hours. In steel/metal surfaces, the surfaced should be primed with **ISONEM ANTI RUST PRIMER** (Anticorrosive primer), consumption of 0,250 - 0,350 kg/m².

Application method: **ISONEM ANTI SOUND PAINT** is easily applied by roller, brush or spray. The product should be mixed homogeneously before using it. Then it is applied in layers of 1 - 2 mm at 4-hour intervals. In the interior wall applications which it is not wanted pattern, we recommend that the application should be with an epoxy roller.

TECHNICAL SPECIFICATIONS

- **Density (25°C, g/mL)** : 0,80 ± 0,10
- **pH (25°C)** : 7.0 - 9.0
- **Viscosity (25°C, mPa.s)** : 12500 - 13500
- **Solid content (% Weight)** : 53 ± 2
- **Water transmission rate (kg/ m². h^{0.5})** : < 0,1 CLASS W₃
- **Adhesion strength by pull-off test (N/mm²)** : Crack bridging flexible systems without trafficking ≥ 0.8
- **Permeability to water vapour (m)** : 5 ≤ S_p ≤ 50 CLASS II
- **Solvent** : Water
- **Color** : All requested can be produced in colors
- **Product consumption** : 1 L/m² (for 1 mm thickness)
2 L/m² (for 2 mm thickness)
- **Paintable (Coverage) Area** : 5 L: 3 - 5 m²/bucket
10 L: 8 - 10 m²/bucket, 18 L: 9 - 18 m²/bucket

PACKAGING & STORAGE

- **Packaging** : 5,10,18 L in PP bucket
- **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.



! IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

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. In the interior wall applications which it is not wanted pattern, we recommend that the application should be with an epoxy roller.
Other ISONEM products recommended	In primer application, ISONEM UNIVERSAL PRIMER or ISONEM ANTI RUST PRIMER specified in the table below should be used depending on the application surface.
Application temperature	It should be applied between 5 - 35 °C.

General Features



Sound Insulation



B S1 d0
Fire Class



Hygienic,
does not contain
any harmful substances



Fast Drying

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	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	In the same direction as the first layer
Surface Humidity	Dry surface	X	Dry surface	X	Dry surface	Dry surface
Application Tools	Roller, brush, spray	X	Roller, brush, spray	X	Roller, brush, spray	Roller, brush, spray
Primer Usage	ISONEM UNIVERSAL PRIMER (diluted)	X	ISONEM UNIVERSAL PRIMER (diluted)	X	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM ANTI RUST PRIMER
Primer Consumption	100 - 200 g/m ²	X	100 - 200 g/m ²	X	100 - 200 g/m ²	250 - 350 g/m ²
Product Usage	4 Layers	X	4 Layers	X	4 Layers	4 Layers
Product Consumption	1 L/m ² (for 1 mm thickness) 2 L/m ² (for 2 mm thickness)	X	1 L/m ² (for 1 mm thickness) 2 L/m ² (for 2 mm thickness)	X	1 L/m ² (for 1 mm thickness) 2 L/m ² (for 2 mm thickness)	1 L/m ² (for 1 mm thickness) 2 L/m ² (for 2 mm thickness)
Between Two Coats	4 Hours	X	4 Hours	X	4 Hours	4 Hours
Touch-free Drying	2 Hours	X	2 Hours	X	2 Hours	2 Hours
Through Drying	72 Hours	X	72 Hours	X	72 Hours	72 Hours

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

