

BE 99



ELASTIC, WATERPROOF EXTERIOR WALL PAINT, It is a paint that forms a seamless, elastic and waterproof layer by drying on the surface on which it is applied. It creates a decorative coating. It is water-based polymer-based, solvent-free and has 300% elasticity. It can be applied on dry or slightly moist surfaces. It is resistant to UV and outdoor weather conditions. It is water-impermeable but has a water vapor permeable structure. It provides the buildings to breathe and prevents moisture, damp with this feature. Thanks to its special formula, it does not keep dirt and preserves its first-day feature for many years. It prevents the carbon dioxide gas formed in the structure and thus protects the equipment in the concrete by reducing the formation of carbonization. It protects the buildings against the effects of rain, dirt, traffic etc. from the external environment. Since it has high elasticity, it is not affected by cracks that may occur on the building surface.

USAGE AREAS

- All kinds of plaster and painted exterior surfaces,
- Mineral render etc. on old coatings,
- Exterior surfaces, wood, etc.
- In buildings covered with thermal insulation systems,
- For the painting of concrete or prefabricated structures,

APPLICATION INFORMATION

Surface preparation: Before application, the surfaces must be clean, free of oil, dirt, mud and loose parts should be cleaned. The surface may be dry or slightly humid. It should not be applied on surfaces with salt efflorescence from the negative side. If the application surface has cracks, holes, etc., these should be repaired with **ISONEM M 03** elastic mortar. If dilatation is present on the surface, it should be filled with **ISONEM A 4** elastic filler in advance. Before ISONEM BE 99 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.

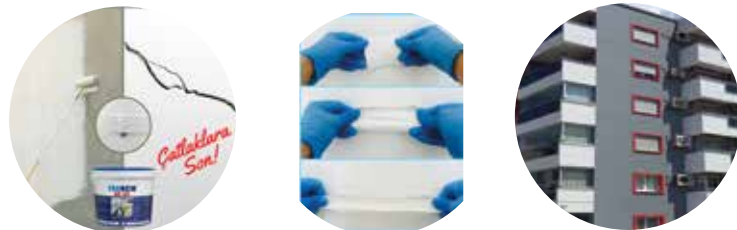
Application method: ISONEM BE 99 is ready to use. We recommend that the product is mixed homogeneously before using it. The application can be made with a brush, roller or a suitable sprayer. After the primer application, ISONEM BE 99 is applied to the surface by two coats, waiting between the coats at least 4 hours and the painting process is finished.

TECHNICAL SPECIFICATIONS

- Density (25°C, g/mL) : 1,40 ± 0,10
- pH (25°C) : 7,0 – 9,0
- Viscosity (25°C, mPa.s) : 28000 – 32000
- Solid content (% Weight) : 79 ± 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, with trafficking 1.5 N/mm²
- Permeability to water vapour (m) : 5 ≤ S ≤ 50 CLASS II
- Solvent : Water
- Color : All requested can be produced in colors
- Product consumption : 0,8 - 1,0 kg/m² : 0,5 - 1 kg/m² (It may vary depending on the colors, the properties of the application surface and the pattern roll to be applied.)
- Paintable (Coverage) Area : 5 kg: 5 - 10 m²/bucket
10 kg: 10 - 20 m²/bucket
18 kg: 18 - 36 m²/bucket

PACKAGING & STORAGE

- Packaging : 5 kg, 10 kg and 18 kg PP buckets
- 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. Apply without thinning. The application surface may be dry or slightly moist.

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



Elastic Structure



B S1 d0 Fire Class



Provides %100 Waterproofing



UV Resistance



Fast Drying

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	Vertical	X	Vertical	X	X	Vertical
Surface Humidity	Dry / Slightly humid	X	Dry / Slightly humid	X	X	Dry / Slightly humid
Application Tools	Roller, brush, spray	X	Roller, brush, spray	X	X	Roller, brush, spray
Primer Usage	ISONEM UNIVERSAL PRIMER (diluted)	X	ISONEM UNIVERSAL PRIMER (diluted)	X	X	ISONEM ANTI RUST PRIMER
Primer Consumption	100 - 200 g/m ²	X	100 - 200 g/m ²	X	X	250 - 350 g/m ²
Product Usage	2 Layers	X	2 Layers	X	X	2 Layers
Product Consumption	0.5 - 1 kg/m ²	X	0.5 - 1 kg/m ²	X	X	0.5 - 1 kg/m ²
Between Two Coats	4 Hours	X	4 Hours	X	X	4 Hours
Touch-free Drying	1 Hours	X	1 Hours	X	X	1 Hours
Through Drying	72 Hours	X	72 Hours	X	X	72 Hours

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

