



BD

It penetrates the floor or joints without forming a film on the surface it is applied on and insulates by providing full protection. It is transparent and does not damage to the image of the surface. It breaths, non-flammable and is not affected by UV, sunlight. It is applied in indoor and outdoor areas in a short time. The workmanship is easy, economical and long-lasting. It can be applied to all kinds of coated, absorbent and waterproofing problem surfaces.

USAGE AREAS

It is applied to all kinds of absorbent surfaces such as plaster, concrete, aerated concrete, screed. It is not applicable only on non-absorbent surfaces such as marble, granite, tiles, ceramics, glass, metal, plastic, and vertical absorbent surfaces.

APPLICATION INFORMATION

Surface preparation : Firstly, if there are cracks and swollen parts on the surface, they must be repaired and the surface must be cleaned from impurities like dirt, oil, rust. If the joint fillings abrade, they must be renewed, the coatings that have bulged or displaced must be repaired. If the mastic and silicon applications are peeled off or removed, they must be repaired, and the surface is become fully prepared for the insulating application. If the floor has been washed, it must be let to dry thoroughly and the application should be made after the floor is completely dried.

Application Method : The plastic can of ISONEM BD is shaken thoroughly before usage. Then, the product is poured into a plastic bucket and is thoroughly applied on the surface via a brush. ISONEM BD leaves stains glazed surfaces like ceramic, marble when it dries, because it is not absorbed. So it is not suggested on these surfaces and especially it should be applied to joints carefully. The surface where the product has been applied is to let dry for 1 hour. After waiting for one hour, the remains of the product that have not been absorbed are wiped out with a wet piece of cloth. The cleansing operation must be done with a wet piece of cloth and it must be avoided the use of materials such as detergents. The second layer application is done in a maximum of 1 hour before the first layer dry, "wet on wet", repeating the same processes. After an hour, surfaces of ceramics and marbles are wiped with a wet piece of cloth and the second/last layer application is finished.

TECHNICAL SPECIFICATIONS

- Density (25°C, g/mL) : 0,90 ± 0,10
- pH (25°C) : 7,0 – 9,0
- Viscosity (25°C, mPa.s) : 0 - 500
- Depth of penetration (H) : < 10 mm, CLASS I
- Water absorption and resistance to alkali test for hydrophobic impregnation (H) : Absorption ratio <7,5 compared with the untreated specimen, absorption ratio (after immersion in alkali solution) <10%
- Drying rate for hydrophobic impregnation (H) : > 10, CLASS II
- Solvent : Water
- Color : Transparent
- Product consumption : 200 mL/m²(two layers application)
- Paintable (Coverage) Area : Min. 25 m²/5 L PE can

PACKAGING & STORAGE

- Packaging : 5 L PE can
- 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. Swelling parts should be scraped thoroughly and the surface should be dry.

Other ISONEM products recommended

X

Application temperature

It should be applied between 5 - 35°C.



General Features

Provides %100 Waterproofing

B S1 d0 Fire Class

Fast Drying



CONCRETE, PLASTER



MARBLE, GRANITE



RAW WOOD



TILE, CERAMICS



MEMBRANE, SHINGLE



STEEL, METAL

	CONCRETE, PLASTER	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	Horizontal	X	X	Horizontal	X	X
Surface Humidity	Dry surface	X	X	Dry surface	X	X
Application Tools	Roller, brush, suitable spray	X	X	Roller, brush, suitable spray	X	X
Primer Usage	X	X	X	X	X	X
Primer Consumption	X	X	X	X	X	X
Product Usage	2 layers	X	X	2 layers	X	X
Product Consumption	200 mL / m ²	X	X	200 mL / m ²	X	X
Between Two Coats	max. 1 hour	X	X	max. 1 hour	X	X
Touch-free Drying	3 hours	X	X	3 hours	X	X
Through Drying	24 hours	X	X	24 hours	X	X

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

