

ISONEM BD TECHNICAL DATA SHEET

Product Name	: ISONEM BD
Type	: One part, water-based insulation material.
Density (25°C, g/mL)	: 0.90 ± 0.10
pH (25°C)	: 7.0 – 9.0
Viscosity (25°C, mPa.s)	: 0 - 500
Solvent	: Water
Flash Point (°C)	: N/A (not applicable)
Class of Fire Reaction	: B S1 d0
Consumption	: 200 mL/m ² (two layer)
Color	: Colorless
Packaging	: 5 lt Plastic Barrel
Application Temperature (°C)	: 5 – 35
Storage Temperature (°C)	: 5 – 35
Storage Condition/Shelf life	: 24 months from production date, if stored dry condition
Application Tools	: Brush

USAGE AREA

- On terraces coated with ceramic, marble, granite, travertine, etc.
- On balconies and roofs coated with ceramic, tiles, etc.
- In bathrooms, showers, toilets and kitchens
- On mosaic coated floors and walls
- On aluminum, concrete and plaster surfaces, natural stones
- On outer surfaces coated with marble, btb granite mosaic, ceramic, etc.

SURFACE PREPARATION

Any parts that are swollen or cracked on the surface, must be repaired prior to application. The surface is also washed and cleansed from grease, soil, dust or mud. The coatings that have bulged or displaced are repaired and consolidated, if the mastic and silicon applications are worn out or removed, they must be repaired and recovered, and the surface is reworked to

become fully prepared for the application, if the floor has been washed, it must be let to dry thoroughly and application is made after the floor is completely dried.

APPLICATION METHOD

The barrel of ISONEM BD is shaken thoroughly before usage. Then, the product is poured into a plastic bucket and is thoroughly applied on the surface, with the use of a brush, it is applied very carefully particularly on the walls. The surfaces where the product has been applied, is let to dry for about 1 hour. After waiting for one hour, the remains of the product that have not been absorbed (generally, the product remains unabsorbed on glazed ceramic or marble surfaces) are wiped out with a wet piece of cloth. The cleansing operation must be applied with a wet piece of cloth and the use of materials such detergents must be avoided. The use of wet cloth is recommended to avoid the dry up and formation of stains on glazed surfaces such as ceramics or marble. A second layer is applied after waiting for at most one hour wet on wet, through the application of the same process, and again, after the lapse of a period of another hour, the ceramic or marble surfaces are wiped with a piece wet cloth, and the application is finished.

FEATURES AND BENEFITS

This product applies insulation without the formation of the film on the surface applied, with full impregnation on the floors or the walls, ensuring full protection, it breathes, is not affected from the UV lights or the sun rays, and is inflammable. It dries up within one hour after the application. It is easy to use, economic and long lasting. It can be applied on all types of surfaces with finished coating, that are absorbent, and that are exposed to water insulation problems.