



HYBRID PLUS

HYBRID PLUS, is two-component, powder and liquid hybrid polymer-based, a new generation waterproofing coating with crack-bridging capacity, walkable on and high abrasion resistance. It is highly suitable for use due to being not affected by UV and sun, fast drying and easy workmanship. It is applied by brushing, it has high elasticity. It closes capillary and shrinkage cracks on the applied surface. It has high adherence. It adheres perfectly to surfaces like concrete plaster, screed, etc. and does not peel off by time. It is resistant to external weather conditions, mechanical impacts, and abrasion.

USAGE AREAS

- Positive insulation of walls and floors,
- Insulation of concrete, plaster, and screed,
- Balcony, terrace, swimming pools,
- Wet volume, shower, and bath style places,
- Terrace and roof insulation.

APPLICATION INFORMATION

Surface preparation : All surfaces should be cleaned from foreign objects like oil, dust, dirt, etc. before the application. The surface must be clean and moist. If there are any segregations, voids or need for repair on the surface, they should be filled with **ISONEM M 03** elastic mortar. If there are surfaces with adhesion problems, they should be primed with adherence enhancer **ISONEM D 10 LATEX** and **ISONEM HYBRID PLUS**

should be applied while the surface is slightly sticky and before it is completely dry.

Application method : **ISONEM HYBRID PLUS** consists of two components. The first part is component A consisting of powder polymer and hardener and the second component is liquid component B consisting of colored liquid polymer. The liquid component (B Component) in the upper compartment of the plastic pail is taken into a separate container and the powder component (A Component) is slowly poured over the liquid stirred with mixer. The mixture is mixed in such a way that no lumps are left in the mixture and made ready for use. At the end of mixing, a homogeneous, brushable mortar is obtained. **ISONEM HYBRID PLUS** should be applied in 3 coats. The application process should be perpendicular layers to each other, homogeneously and smoothly with the help of a brush. It should be waited a min. of 4 hours between the coats and it should not be interrupted for more than 24 hours. The application should not be done in extreme heat or frost, it should be done in the morning or evening cool. Tools used should be cleaned with water at the end of the application.

TECHNICAL SPECIFICATIONS

- **Density (25°C, g/mL)** : 1.00 ± 0.10
- **pH (25°C)** : 7.0 - 9.0
- **Solid Content (% Weight)** : 48 ± 2

CONSUMPTION : 2-3 kg/m² (3 layers application), 8 - 12 m²/set

PACKING : 24 kg PP bucket set, Component A 16 kg powder component (Lower compartment) + B Component 8 kg liquid component (Upper compartment)

SHELF LIFE : 24 months from date of production if stored in original, unopened, undamaged packages.

STORAGE CONDITIONS : 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.

Other ISONEM products recommended

ISONEM D10 Latex should be used for adherence and ISONEM M 03 elastic repair mortar should be used for surface repair.

Application temperature

It should be applied between 5 - 35 °C.

Pot life (23°C)

30 - 40 minutes

General Features



CONCRETE



MARBLE, GRANITE



RAW WOOD



TILE, CERAMICS



MEMBRANE, SHINGLE



STEEL, METAL

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	in perpendicular to each layers	X	X	X	X	X
Surface Humidity	Humid surface	X	X	X	X	X
Application Tools	Brush	X	X	X	X	X
Primer Usage	ISONEM D 10 LATEX	X	X	X	X	X
Primer Consumption	200 mL /m ²	X	X	X	X	X
Product Usage	3 Layers	X	X	X	X	X
Product Consumption	2 - 3 kg/m ²	X	X	X	X	X
Between Two Coats	4 Hours	X	X	X	X	X
Touch-free Drying	4 Hours	X	X	X	X	X
Through Drying	28 Days	X	X	X	X	X

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

