



SHINE FLOOR

GLOSSY OR MATT COLORED FLOOR, it is a two-component, resin-based, self-leveling solvent-based floor coating. It forms an elastic and unique layer after drying. It is not affected by UV and outdoor weather conditions. It does not make yellowing, fading or peeling off in time. It is resistant to abrasion. It is not affected by pedestrian and vehicle traffic. It is resistant to various chemicals, and acids. Its adherence is perfect. It is polyurethane-based, solvent-based, two components.

PROPERTIES

- It is glossy or matte, hard-elastic.
- It has good chemical and mechanical resistance.
- The non-slip surface can be obtained.
- Liquids proof,
- Easy to apply, easy to clean and economical

USAGE AREAS

- In production and storage facilities, factories, etc. as a smooth surface coating on industrial floors.
- Pool edges, tourist facilities, coastline, walkways, squares, sidewalks, parks, and gardens.
- Wet working areas (food and beverage industry, etc.), parking floors and loading ramps.
- Ceramic, marble, and mosaic-covered terraces, balconies and wet areas.

APPLICATION INFORMATION

Surface requirements : The concrete surface must be clean, strong and with sufficient compressive strength (min. 25 N/mm²) and minimum tensile strength (pull off) of 1.5 N / mm². The surface should be clean, dry and free of impurities such as dirt, oil, coating, surface curing materials. In case of doubt, carry out a trial application.

Surface preparation : Concrete surfaces should be prepared using abrasive equipment to remove cement grout and obtain an open-pored surface. Weak concrete must be removed, the holes must be made completely open. Surface repairs, filling of cavities/holes and surface correction should be done with **ISONEM M 03 Repair Mortar**. Concrete or screed surfaces should be leveled to ensure a smooth surface. High places on the surface should be cleaned by sanding. All dust, loose and friable particles must be removed from the surface with a brush or vacuum cleaner prior to application of the product. Before application of ISONEM Shine Floor, in concrete, marble, granite, tile, ceramic etc. surfaces, ISONEM EP Primer should be used as a primer with 0,250 - 0,400 kg/m² consumption. 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 : It should be that ambient temperature is min +10°C, max. +30°C, surface moisture is 4%, relative air humidity is max. %70. It should be careful to the dew point. To reduce the risk of condensation or bubbles on the coating surface, the temperature of the surface and the uncured coating should be at least 3°C above the dew point. Mix the component A mechanically before mixing. After adding component B to component A, stir continuously for 2 minutes until a homogeneous mixture is obtained. It should be mixed with **ISONEM SHINE FLOOR** electric mixer (300-400 rpm) or another suitable mechanical mixing tool. The application should be made with the help of roller, brush or spray gun in order to obtain the desired thickness.

TECHNICAL SPECIFICATIONS

- **Density A comp. (25°C, g/mL)** : 1,20 ± 0,10
- **Viscosity B comp. (25°C, mPa.s)** : 1000 - 4000
- **Water transmission rate (kg/m². h^{0,5})** : < 0,1 CLASS W₃
- **Adhesion strength by pull-off test (N/mm²)** : Rigid system without trafficking ≥ 1.0 N/mm²
- **Permeability to water vapour (m)** : So ≤ 5 CLASS I
- **Pot life (23°C)** : 30 - 40 minutes
- **Solvent** : Organic solvent
- **Color** : Produced in RAL colors
- **Product consumption** : 0,25 - 0,30 kg/m² (one layer)
- **Paintable (Coverage) Area** : Min. 7,5 - 9 m² /set (Two layers, it varies depending on the application method, surface porosity, profile, differences in leveling and loss.)

PACKAGING & STORAGE

- **Packaging** : 4,5 kg set (Component A: 4 kg, Component B: 0,5 kg metal galon)
- **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 away from heat and fire.



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

In primer application, ISONEM EP PRIMER or ISONEM ANTI RUST PRIMER specified in the table below should be used depending on the application surface. ISONEM M 03 elastic repair mortar should be used for filling cracks and gaps.

Application temperature

It should be applied between 5 - 35 °C.



General Features

Provides %100 Waterproofing

C fl S1 Fire Class

Physical Resistance

Elastic Structure

UV Resistance

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	In the same direction as the first layer	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
Surface Humidity	Dry Surface	Dry Surface	X	Dry Surface	X	Dry Surface
Application Tools	Roller, brush, spray	Roller, brush, spray	X	Roller, brush, spray	X	Roller, brush, spray
Primer Usage	ISONEM EP PRIMER	ISONEM EP PRIMER	X	ISONEM EP PRIMER	X	ISONEM ANTI RUST PRIMER
Primer Consumption	0,250 - 0,400 kg/m ²	0,250 - 0,400 kg/m ²	X	0,250 - 0,400 kg/m ²	X	0,250 - 0,350 kg/m ²
Product Usage	2 Layers	2 Layers	X	2 Layers	X	2 Layers
Product Consumption	0,5 - 0,6 kg/m ² [2 Layers]	0,5 - 0,6 kg/m ² [2 Layers]	X	0,5 - 0,6 g/m ² [2 Layers]	X	0,5 - 0,6 kg/m ² [2 Layers]
Between Two Coats	12 Hours	12 Hours	X	12 Hours	X	12 Hours
Touch-free Drying	6 Hours	6 Hours	X	6 Hours	X	6 Hours
Through Drying	7 Days	7 Days	X	7 Days	X	7 Days

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

