

ISONEM[®] METALLIC FLOOR

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Floor Coating

Metallic Flooring

ISONEM METALLIC FLOOR is a low viscosity, solvent free, self-leveling, multi-purpose indoor flooring material that provides unique decorative image thanks to its two-component, reflective pigments and aesthetic effects. It is easy to apply, provides a glossy metallic surface, is water impermeable and hygienic, easy to clean. It is resistant to mechanical loads, wear and chemicals. Suitable for use on all interior surfaces such as concrete, ceramic, marble, mosaic, wood, steel, glass, etc.

PROPERTIES

- Provides decorative and a glossy finish.
- Resistant to friction, impact, and abrasion. Easy and pratic to clean.
- It can be applied quick and easy, easy to maintain. It has high adhesion properties.
- Solvent-free. It has excellent penetration.

TECHNICAL SPECIFICATIONS

- **Type** : Double component, A component liquid Metallic appearance resin based, B component hardener.
- **Color** : Metallic Floor Color Chart.
- **Touch-free drying (20°C)** : 8 - 10 hours
- **Through drying (20°C)** : 3 days
- **Mixture Ratio** : 3.2 / 1.8 (by weight)
- **Pot life (25°C)** : 30 - 40 minutes

APPLICATION INFORMATION

Surface Preparation : Application surfaces should be clean, dry, and free of all oil, dirt, dust and surface wastes. Before ISONEM METALLIC FLOOR application, all surfaces should be primed with ISONEM EP PRIMER (Epoxy based primer) with 0,250 - 0,400 kg/m² consumption.

Preparation Of The Mixture : ISONEM METALLIC FLOOR is supplied in ready-to-use kits according to the mixing ratio. The mixture should be prepared to be applied according to the life of the mixture. Before starting to mixed, make sure that the material temperatures are between 15 and 25°C. Component A should be thoroughly mixed with a mechanical stirrer at 300 - 400 rpm for 3 to 4 minutes without dragging air in it. Subsequently, all of component B must be poured into component A and ensure that there is no material left inside the B component. A + B should be mixed for at least 3 minutes until a homogenous mixture is obtained and the prepared mixture should be consumed within 30 - 40 minutes. For the formation of the metal effect and the decorative image, the desired metallic reflections can be given by the apparatus like a sponge, roller, epoxy roll, butterfly roll etc. about 1-2 hours after application of the product.

Application Method : The mixture should be applied to the prepared surface by brush or roller. If the thickness is desired, the second coat should be applied after the surface drying of the first layer has been achieved. The hard drying time is 18-24 hours. Full hardening and physical, chemical resistance in 7 days.

CONSUMPTION : 0,6 - 1,0 kg/m². 5 - 8 m² / 1 canister.

STORAGE : 24 months in original, unopened package, cool and dry environment.

PACKING : 5 kg set (A Component: 3.2 kg, Component B: 1.8 kg)

USAGE AREAS

- Showrooms, offices, houses, shopping malls
 - All kinds of ceramic, concrete, marble, mosaic, wood, steel surfaces,
 - Laboratory, food, chemical and pharmaceutical industries,
- SUITABLE FOR INDOOR USE ONLY.**



IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

General Features



Provides %100 Waterproofing



C fl S1 Fire Class



Chemical Resistance



Mechanical Resistance



Application Conditions and Risks

Things to consider during and after the application

The application surfaces must be clean and free from dirt, oil, rust etc..

Applicable temperature

Between +5 and +35°C

ISONEM products for surface preparation

ISONEM EP PRIMER should be used as primer application

Surface Floor



Concrete



Marble, Granite



Raw wood



Tile & Ceramic



Membrane, Shingle etc.



Steel & Metal

| Application | Concrete | Marble, Granite | Raw wood | Tile & Ceramic | Membrane, Shingle etc. | Steel & Metal |
|-------------------|--|--|--|--|------------------------|--|
| Surface Humidity | Dry /Slightly Humid | Dry /Slightly Humid | Dry /Slightly Humid | Dry /Slightly Humid | X | Dry /Slightly Humid |
| Application Tools | Roller (synthetic epoxy), brush, spray | Roller (synthetic epoxy), brush, spray | Roller (synthetic epoxy), brush, spray | Roller (synthetic epoxy), brush, spray | X | Roller (synthetic epoxy), brush, spray |
| Primer Usage | ISONEM EP PRIMER | ISONEM EP PRIMER | ISONEM EP PRIMER | ISONEM EP PRIMER | X | ISONEM EP PRIMER |
| Primer.Consp | 0,25 - 0,4 kg/m ² | 0,25 - 0,4 kg/m ² | 0,25 - 0,4 kg/m ² | 0,25 - 0,4 kg/m ² | X | 0,25 - 0,4 kg/m ² |
| Product Usage | 1 Layer | 1 Layer | 1 Layer | 1 Layer | X | 1 Layer |
| Product.Consp | 0,6 - 1,0 kg/m ² | 0,6 - 1,0 kg/m ² | 0,6 - 1,0 kg/m ² | 0,6 - 1,0 kg/m ² | X | 0,6 - 1,0 kg/m ² |
| Betw.Two.Coats | X | X | X | X | X | X |
| Application | 7 Days | 7 Days | 7 Days | 7 Days | X | 7 Days |



Finishing



The information given in this technical data sheet has been prepared according to our knowledge, experiment results, and experiences. The correct and successful implementation of our products is completely beyond our control and responsibility. For this reason, our responsibility is limited to the quality of our product only, and this manual overrides all previous technical statements, descriptions and label information.

“ Our products are not classified by Biocidal Products Regulation ”