

# ISONEM<sup>®</sup> SHINE FLOOR

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Floor Coating

## Shine Floor

ISONEM SHINE FLOOR is a two component, glossy, colorful, acrylic resin-based, self-levelling 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, various chemicals, and acids. It is not affected by pedestrian and vehicle traffic. It is polyurethane based, solvent based, two components.

### USAGE AREAS

- 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

### PROPERTIES

- Shiny and hard-elastic.
- Has good chemical and mechanical strength.
- Nonskid surface can be obtained.
- Liquid-proof, easily applicable, easy to clean and economical

### TECHNICAL SPECIFICATIONS

|                                       |                 |
|---------------------------------------|-----------------|
| · Density [25°C, g/mL]                | : 1.00 ± 0.10   |
| · Viscosity [25°C, mPa.s]             | : 500 – 1000    |
| · Solid Content [% Weight]            | : Min. 64       |
| · Applicable Ground Temperature [° C] | : 5 – 35        |
| · Mixture Life (Running Time, min.)   | : 40 – 60       |
| · Time required to walk on it         | : Min. 24 Hours |
| · Full Curing Time                    | : 7 days        |

### APPLICATION INFORMATION

**Surface Requirements :** The concrete surface must be clean, strong and with sufficient compressive strength (min. 25 N/mm<sup>2</sup>) and minimum tensile strength (pull off) of 1.5 N / mm<sup>2</sup>. 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 levelled 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, surfaces should be primed with ISONEM EP PRIMER (epoxy based primer) with 0,25-0,4 kg/m<sup>2</sup>.

**Application Method :** Ambient Temperature should be min +10 max. +30 ° C, surface moisture ≤ 4%, relative air humidity max. %70 should be, 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 uniform 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.

**CONSUMPTION :** 0.25 - 0.30 kg / m<sup>2</sup> (Depending on the application method, surface porosity, profile, levelling, and loss, etc.). Min 9 - 15 m<sup>2</sup> / set

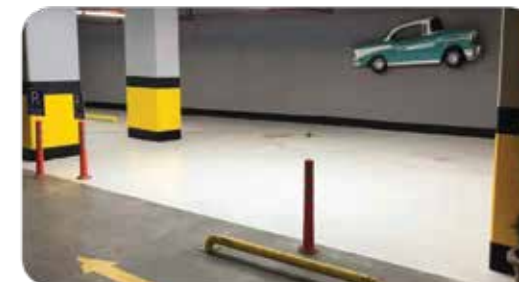
**COLOR :** Produced in RAL colors.

**PACKAGING :** 4,5 kg ready to use set (A component: 4 kg, B component: 0.5 kg combi metal gallon)

**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
- Elastic
- B fl S1 Fire Class
- UV Resistance
- Mechanical Resistance



| Surface Floor     | Concrete                               | Marble, Granite                        | Raw wood | Tile & Ceramic                         | Membrane, Shingle etc. | Steel & Metal                          |
|-------------------|--|--|----------|--|------------------------|--|
| Application       | Same direction as the first layer      | Same direction as the first layer      | X        | Same direction as the first layer      | X                      | Same direction as the first layer      |
| Surface Humidity  | Dry                                    | Dry                                    | X        | Dry                                    | X                      | Dry                                    |
| Application Tools | Roller (synthetic epoxy), brush, spray | Roller (synthetic epoxy), brush, spray | X        | Roller (synthetic epoxy), brush, spray | X                      | Roller (synthetic epoxy), brush, spray |
| Primer Usage      | ISONEM EP PRIMER                       | ISONEM EP PRIMER                       | X        | ISONEM EP PRIMER                       | X                      | ISONEM EP PRIMER                       |
| Primer.Conspt     | 0,25 - 0,4 kg / m <sup>2</sup>         | 0,25 - 0,4 kg / m <sup>2</sup>         | X        | 0,25 - 0,4 kg / m <sup>2</sup>         | X                      | 0,25 - 0,4 kg / m <sup>2</sup>         |
| Product Usage     | 2 Layers                               | 2 Layers                               | X        | 2 Layers                               | X                      | 2 Layers                               |
| Product.Conspt    | 0,25 - 0,30 kg / m <sup>2</sup>        | 0,25 - 0,30 kg / m <sup>2</sup>        | X        | 0,25 - 0,30 kg / m <sup>2</sup>        | X                      | 0,25 - 0,30 kg / m <sup>2</sup>        |
| Betw.Two.Coats    | 6 - 24 Hours                           | 6 - 24 Hours                           | X        | 6 - 24 Hours                           | X                      | 6 - 24 Hours                           |
| Application       | 7 Days                                 | 7 Days                                 | X        | 7 Days                                 | X                      | 7 Days                                 |

**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 +10 and +35°C

**ISONEM products for surface preparation**  
ISONEM EP PRIMER should be used as primer ISONEM M03 should be used for surface repairs.

**Application Conditions**  
Wait 1 day after primer application.



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