

ISONEM® ASPHALT PAINT

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Floor Coating

Coloured Asphalt Paint

ISONEM ASPHALT PAINT is a decorative and protective coating that can be applied to all asphalts old or new. The pattern like brick, herringbone and bouldering can be given to asphalt by decorative press molds. The floor must be dry. If the application will be applied on an old asphalt, the surface must be washed with pressurized water and waited for drying. If there are areas required to be repaired, it must be repaired with hot asphalt before application. On the newly completed asphalt, the asphalt is applied at approximately 80°C and after the asphalt temperature is lower than 35°C, ISONEM ASPHALT PAINT is applied. The special asphalt coating system consists of two units: the first one is a special cement-based polymer-reinforced powder mixture (A-Component); the second is a colored, water-based modified acrylic polymer based liquid component (B-Component).

FEATURES AND BENEFITS

- The special cement and acrylic resin based paint adhere well to the asphalt and the colored appearance remains for years.
- Thanks to the hardener in the special cement, the asphalt surface hardens and the abrasion resistance of the asphalt increases threefold compared to normal asphalt.
- Thanks to its special paint, the asphalt maintains its durability up to -30°C to +70°C, the joints retain their initial appearance.
- Special asphalt paint does not feel the burning heat of the asphalt because it reflects the sun's rays.
- Thanks to special paint applied to the existing asphalt coating, it provides insulation and water insulation.
- Surface which Asphalt Paint was previously applied can be repainted with the same or different colors upon request.
- The lifetime of the coating lasts much longer than concrete and asphalt due to the polymers and natural materials in the paint.

APPLICATION INFORMATION

6.5 kg of colored liquid component (B Component) in the upper compartment of the plastic pail is taken into a clean container and mixed for 1-2 minutes at low speed. 1.5 liters of water is added to the mixture and 16.5 kg of powder component (A Component) is added slowly to the liquid mixture under mixing with 400-500 revolutions drill and mixed well for 3-5 minutes until the mixture is homogenous. The paint is sprayed on the surface of the asphalt with a double-stage pump connected to the 110 PSI air compressor and the sprayer depending on its coverage as one or two coats. The paint spread on the surface using the brush in order to remove the appearing black color. Finally, if protective lacker and varnish are required in the application, final polishing can be performed by using **ISONEM ASPHALT PAINT SEALER** (1 to 2 dilution). In applications, the thickness of the layer reaches 0.5 mm in one coat and 1 mm in two layers.

PACKAGE: 23 kg set in two-pack PE bucket (A Component: 16,5 kg powder component, B Component : 6,5 kg liquid component)

COLOR: ISONEM Asphalt is produced in standard colors in the Asphalt Paint-Hybrid color chart.

CONSUMPTION: 1 - 1,5 kg/m² (2 coats). 15 - 23 m²/set (in 2 coats)

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

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
- UV Resistance
- B S1 d0 Fire Class
- Vehicle Traffic
- Fast Drying



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

Recommendations

Application should not be made on surfaces with air evacuation without ventilation shaft.



Surface Floor	Concrete	Asphalt	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	Perpendicular to each others	Perpendicular to each others	X	X	X	X
Surface Humidity	Humid	Dry	X	X	X	X
Application Tools	Brush, Spray	Brush, Spray	X	X	X	X
Primer Usage	ISONEM UNIVERSAL PRIMER (1:7 diluted with water) (part primer, 7 part water)	X	X	X	X	X
Primer.Conspt	100-200 gr/m ²	X	X	X	X	X
Product Usage	2 Layers	2 Layers	X	X	X	X
Product.Conspt	1 - 1,5 kg/m ²	1 - 1,5 kg/m ²	X	X	X	X
Betw.Two.Coats	1 - 2 Hours	1 - 2 Hours	X	X	X	X
Red.Veh.Traf	3 Days	3 Days	X	X	X	X
Red.Pedst.Traf	1 - 2 Hours	1 - 2 Hours	X	X	X	X



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