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	Kontur ECOPLUS High- Solid Road Paint	Date	2022-10-04
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### Product description

Kontur Ecoplus traffic paint is ready-to-use one-component paint for horizontal road marking. It is used for thin-layer horizontal markings of all types on roads, grounds, parking lots and other road and communication surfaces with dusting asphalt or cement-concrete layer.

Kontur Ecoplus has perfect base adhesion, antiskid properties and specific stability.

This paint belongs to the group of products with high dry matter content which is characterized by low emission of volatile organic compounds, is distinguished by absence of aromatic solvents in its composition.

When used with glass beads, Kontur Ecoplus acquires reflective properties, and the use of beads increases its antiskid properties.

### Application

The Kontur Ecoplus paint is designed in communication engineering to perform all types of thin-layer horizontal markings of roads, squares, parking lots and other road and communication surfaces with an asphalt or cement concrete wearing course.

Kontur Ecoplus paint can be used with various types of sprinkling (see BAST certificate).



### Certification

The production plant is certified according to ISO 9001:2015.

Kontur Ecoplus performance properties have been favourably assessed as proven by Federal Highway Research Institute BAST in Germany.

### Technical parameters

Colour	white, yellow, red, blue, black
Density	1,55 -1,65 g/cm <sup>3</sup>
Non-volatile matter	75-79%

### Conditions of use

Air temperature:	from +5 °C to +35°C
Road temperature:	from +5 °C to +35 °C
Relative air temperature:	max. 80%

### Consumption

Consumption depends on thickness of the layer applied, which is specified in the certificate. Kontur Ecoplus High-Solid Farbe is applied in 300 µm - 600 µm layer (measured when wet) due to its consumption ranging from 0.48 kg/m<sup>2</sup> to 0.96 kg/m<sup>2</sup>.

To obtain reflective effect, it is necessary to drop glass beads onto the paint immediately after application.

### Application instruction


KONTUR ECOPLUS paints can be applied using all types of road marking machines, both hydrodynamic and pneumatic, and can also be applied by hand.

The paint is ready for use after thorough mixing in order to homogenize the product in its entire volume.

The weather conditions during the application of the product are of key importance. It is unacceptable to use the paint in the presence of fog or dew. The paint distribution must be uniform across the entire width of the marking. Make sure that the reflective material is evenly distributed over the paint surface.

### Surface preparation

The surface must be clean, dry, free from grease and free from loose parts or other contamination. In the case of new surfaces, it is recommended to start the works from at least 14 to 30 days after the using of the wearing layer. In the case of surfaces with a high bitumen content, this period should be additionally extended. A supporting factor in this period is the occurrence of at least one heavy rainfall.

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Early application of the paint is associated with the risk of reducing the durability of the markings. It is not recommended to use the paint on tar-type substrates due to the possibility of yellowing.

#### **Drying time**

Pass ability is achieved after approx. 20 minutes from the application at the temperature of 20°C and 50% humidity. Depending on the weather conditions and the properties of the substrate, the drying time may be shorter or longer. Markings should always be checked for dryness prior to entry into service.

#### **Cleaning**

After application, the machine and tools should be cleaned with KONSOL solvent.

#### **Safety rules**

During works, general health and safety rules, fire safety regulations in this area, and recommendations regarding precautionary measures in accordance with the technical data sheet of the product must be observed.

#### **Packages**

KONTUR ECOPLUS road paint is available in 25kg, 33 kg pails, or 1600 kg container under order.

#### **Transport**

ADR UN - NR 1263 Group of packaging II. Follow the safety instructions on the label. For more information see safety data sheet.

#### **Storage**

KONTUR ECOPLUS road paints should be stored in tightly closed, original packages, in roofed warehouses, without exposure to direct sunlight, at a temperature from +5 to + 35 ° C.

#### **Storage life**

12 months from the date of production for the product stored in accordance with the manufacturer's recommendations.

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