



## TECHNICAL DATA SHEET

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### KONTUR road paint

#### Product description

KONTUR white traffic paint is ready-to-use one-component paint for thin-layer horizontal road marking. Can be used on public roads, internal roads, road and railway facilities, civil airports. KONTUR traffic paints are designed to be applied on asphalt and concrete surfaces.

After application with glass beads, KONTUR paint acquires reflective properties.

KONTUR paints have perfect base adhesion, do not crack, have excellent hiding characteristics, high abrasion resistance, water and salt solution, and sunlight resistance.

KONTUR paint belongs to the group of products with high dry matter content which is characterized by low emission of volatile organic compounds.

#### Application

**KONTUR white paint** is widely used for side marking, separating strips, guide arrows, pedestrian crossings and other horizontal marking city and rural roads.

**KONTUR yellow paint** is used for temporary marking.

**KONTUR red and blue paint** is used for marking pedestrian crossings, bicycle paths and lanes, parking lots and other horizontal marking.

**KONTUR black paint** is used for marking during changes in traffic arrangement.



#### Certificates

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

Our paints performance properties have been favourably assessed and confirmed by the national technical evaluation, received National Performance Reliability Certificate and are awarded "B" construction mark.

KONTUR paints have also received Hygiene Certificate in terms of safety to people and environment.

#### Technical parameters

Colour		white, black, yellow, red, blue
Density	white	1,57 -1,67 g/cm <sup>3</sup>
	yellow, black, red	1,55- 1,65 g/cm <sup>3</sup>
	blue	1,52- 1,62 g/cm <sup>3</sup>
Viscosity	white	86-92 KU
	yellow, black, red, blue	82-88 KU
Non volatile matter		min. 75%

#### 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. It is recommended to apply KONTUR paint in minimum 350 µm thick layer (measured when wet) due to its consumption ranging from approximately 0,6 kg/m<sup>2</sup>. This consumption of material is approximate and may vary depending on application method.



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#### Application instruction

KONTUR 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.

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. 40 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 road paint is available in 33 kg pails, or in 300 kg drums 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 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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