

APPLICATION TECHNOLOGY OPTIMAL CONSUMPTION RATE

Of acrylate paints for horizontal road marking with organic solvent TYPE “NORMAL”, “CITY”, “CITY PLUS” and Deko Professional Specialized Primer for Road Marking

PAINTS FOR HORIZONTAL ROAD MARKING are applied about horizontal road marking of the country roads network (highways and all type of roads), pedestrian crossings at the city areas with heavy traffic, central part of the city with extremely high work-load of the traffic, airplane tracks, parkings, kinder and sport yards with asphalt and concrete pavement. Produced in two main colours – white and yellow.

They comply with the modern European standards. They possess excellent exploitation qualities that ensure very good conditions of traffic safety.

- *High resistance to wear;*
- *Elasticity and matt surface;*
- *High coefficient of cohesion.*
- *Resistance to petrol and water;*

Possibility to apply with marking machines and ability to get dry for short period of time, ensure quick resuming of road traffic.

THE PAINT FOR HORIZONTAL ROAD MARKING –Deko Professional is applied mainly with marking machines of airless and air spraying type, and as exception by roller or brush. They are applied on dry and dust free surfaces at temperatures of the environment from 5 up to 40⁰C. In case of need it is adjusted to obtain working viscosity by Thinner “BAT winter” at temperatures from 5 up to 25⁰C or by “BAT-summer” at temperatures from 25 up to 40⁰C and applied as follows:

1. Over fresh and comparatively fresh asphalt pavements is applied mainly with machines for airless and air spraying, without thinner or with minimum dilution 0 up to 4%. (It is not recommended higher dilution, because the new asphalt surface has enough thick layer of bitumen, which could dissolve eventually in strongly diluted paint, in result of what will be obtained yellowing and turning black of marking). Working viscosity in funnel 6/23⁰ C- 80-120 s.

2. Over old asphalt and concrete pavements is applied with machines for airless and air spraying with obligatory dilution of paint up to 6%-8%. That is necessary for better wetting of old asphalt or concrete pavement by the diluted paint, and out of that to improve the cohesion between them. Working viscosity in funnel 6/23⁰ - 50-70 s.

3. The time for release the traffic for each paint is as follows:

- 3.1. “Normal” - minimum 120 minutes after finishing of marking application.
- 3.2. “City” – minimum 90-100 minutes after finishing of marking application.
- 3.3. “City plus” – minimum 70-80 minutes after finishing of marking application.

Dry coat thickness should be 250-300 microns which is obtained with 400-500 microns wet film /because of obligatory 6-8% dilution /. Consumption rate is 450-550 g/m² /without thinner/. If a glass beads are also applied it is good that the wet film is thicker – 500-600 microns.

For better adhesion with substrate we recommend to use preliminary priming with Deko Professional Specialized Primer for Road Marking. The primer will improve substantially

exploitation qualities of the paint – resistance to wear, resistance to petrol, oils, atmosphere influences etc. The consumption rates for Deko Professional specialized primer for Road Marking are 100-150 g/m², as the time of full drying is 15-20 minutes.

ATTENTION!!!

- Before application paint must be well homogenized
- For higher durability and long lasting of whiteness of marking, in obligatory keep the above mentioned requirements
- In hot sunny days (at temperatures of the air above 25⁰ C, respectively above 35⁰ C of the asphalt surface) application is made in the morning (6-10 h) , late after noon (18-22 h) or in the night especially on comparatively fresh asphalt pavements.

Shelf life: 12 months from production date in fabrically sealed packaging. Store in closed, dry and fire protected premises at temperature up to 30⁰ C without access of direct sunlight.