



GLASS BEADS, 125 - 630

MICRONES, MBT

Glass beads for light reflection marking of roads and highways

Supporting product

- Use:**
- Sprinkle on any kind of horizontal road marking for better visibility in the night – in dry weather, and rain as well;
 - Suitable for the following types of horizontal road marking:
 - Thin coat acrylate paints for horizontal road marking (“Normal”, “City”, “City plus”)
 - Double coat spray plastic (Deko Professional 2K Cold spray plastic)
 - Thermoplastic (Deko Professional Thermoplastic)
 - Applied without any restrictions for markings with light reflection of roads and highways.

- Properties:**
- Stable chemical composition;
 - High hardness and absolute chemical inertness;
 - Thermostable;
 - Does not turn dim under influence of water, sodium chloride, hydrochloric acid, calcium chloride, sodium sulfide and automotive gases;
 - Additionally double treated:
 - For better adhesion to the marking product;
 - To retain on the surface of the applied marking;
 - Increase safety on the roads and highways.

Classification: Complies with the requirements of the Bulgarian legislation and EN 1423.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Colourless, transparent glass micro spheres (glass beads)
Light Reflection Coefficient: (EN 1423)	Class A $n \geq 1,50$
Filling density:	2,4 – 2,6 kg/dm ³
Hardness under Mohs scale:	5,5 – 6,5



Remainder through sieve with size

- 710 µm:	0 – 2 %
- 600 µm:	0 – 10 %
- 500 µm:	10 – 40 %
- 355 µm:	35 – 75 %
- 250 µm:	75 – 100 %
- 125 µm:	95 – 100 %

Softening temperature: Approximately 730 - 750 °C

Composition of the completely round spheres: > 85 %
(EN 1423)

Consumption rate: Determine the consumption rate as per the type of road marking equipment, layer thickness and road marking type.
Standard consumption rate : 200 – 400 g/m².

Packaging: Paper bags in net weight: 25 kg.

Storage: Store in original, well-closed packaging, in sheltered, dry and well-ventilated storage areas.
Keep the packaging from moisture!
Keep away from children !
Shelf life: 12 months of production date, after what we recommend additional quality control before application.

Application means: Specialized road marking equipment.

Application conditions: Work in dry weather at temperatures from 5⁰C to 35⁰C.

Method of application: For better results is necessary that the glass beads are dosed under pressure (1.00-1.50 atm) not later than 3 sec after application of the road marking.

Hygiene and safety work: Glass beads are not classified as risky product.
Keep away from children –they might swallow them.
If necessary – refer to the Material Safety Data Sheet.

The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

