

# Knarr Glass Road

## Technical Data Sheet



### Product classification

Knarr Glass Road is methyl methacrylate-based, two-component cold-applied road paint. It has resistance to chemical and physical effects and ultraviolet light. There are glass flakes in the product and because of that product is also reflecting the light, makes surface seeable in the dark.

### Surfaces to be used and properties

Knarr Glass Road covers all types of city roads, pedestrian crossings, airports, etc. fields, asphalt and on concrete surfaces, especially pedestrian crossings, where there is very heavy traffic and traffic safety is important can be used for the purpose of road marking and marking in pedestrian circulation. Once applied with its quick drying, it creates conditions for the movement of pedestrians and vehicles. Over time the glass flakes inside come to the surface, so it does not lose its ability to be seen in the dark.

### Physical specifications

<b>Color</b>		White, yellow, red
<b>Solid content</b>	ASTM D2697-03	93%±2 (by volume)
<b>Density (gr/cm<sup>3</sup>)</b>	ASTM D1475-13	2±0.02
<b>Viscosity (25°C) KU</b>	ASTM D562-10	160±5
<b>Brightness (GU 60°C)</b>	ASTM D523-14	Bright
<b>Thinner</b>		It is not thinned

### Surface preparation

The applied surface is cleaned of all kinds of dirt, oil, dust and loose layers and necessary surface correction works should be done. The area to be applied should be well ventilated, dry, clean and healthy. After place the molds Knarr Glass Road Comp A should be mixed well with a mixer for at least 3 minutes, then mixing should be continued with 2% (500g) powder Comp B. After mixing, the application should be started by pouring the product into the mold without waiting. Potlife duration is 7 minutes so Comp A and Comp B must be mixed depend on the usage. Before the paint dries, glass flakes are poured over the surface. In the hot weather conditions under the sun applying is not recommended. It should be used in the evening or in the early morning.

### During drying

The drying time mainly depends on the weather conditions and the thickness of the applied layer. Paint the weather in the table below

the approximate drying time is indicated depending on the temperature.

- The area to be painted should be well ventilated (Open air or free air circulation)
- The paint should be applied at the recommended thickness

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Temperature (°C)	The amount of hardener used (% gr.)	(Potlife)	Drying time (Minute)
+10	3%	14	45-60
+20	2%	10	30-45
+30	0.5%	12	30-45
+40	0.2%	11	28-43

The information shown above has been determined by following the rules. The drying time may increase or decrease depending on the film thickness, ventilation, the paint system on the surface, and the operations the paint undergoes.

### Storage conditions

The paint should be stored in dry, cool, well-ventilated, unopened warehouses with high temperature and no possibility of sparks, taking into account the local conditions. It should be mixed well before to use. Containers should be tightly closed. Shelf life (at 23°C) is 24 months.

### Packaging image

Produced as Comp A 25 KG, Comp B 500 GR in metal containers.

### The implementing operator

This product is intended for professional use. The applicator or operator must be experienced and knowledgeable about the product. The person in question shall mix and apply the paint according to the specification. Employees participating in the application must be provided with safety equipment.

### Attention

The above information is based on results obtained from laboratory tests and field applications. In applications outside the company's control, the company is solely responsible for the quality of the paint. It is not responsible for problems that may arise from implementation and application errors.

### Health and safety regulations

Follow the instructions on the container. Store in warehouses where there is no possibility of high temperatures and sparks. Use in well-ventilated areas. In case of contact with the skin during use, it should be washed with a suitable solvent and then with soap and water. In case of eye contact, wash with plenty of water and seek medical attention if necessary.

**Note:** "CMT GROUP" LLC reserves the right to change the information on the technical data page without notice.

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