

Knarr Knaroad F1

Technical Information Page



Product presentation

It is acrylic resin-based, cold-applied, high-coverage, unfading over time, well-adhered, rub-and-scratch-resistant, long-lasting, one-component acrylic road marking paint. UV resistance is high.

Surfaces to be used

Knarr Knaroad F1 provides high durability in all types of urban highways, pedestrian crossings, airports, asphalt and concrete surfaces, especially pedestrian crossings, heavy traffic and pedestrian circulation where traffic safety is important. With its fast drying after application, it facilitates the movement of pedestrians and vehicles.

Physical properties

Color		White, yellow, red
Solid content	ASTM D2697-03	80%±2 (by volume)
Density (gr/cm³)	ASTM D1475-13	1.30±0.02
Viscosity (25°C) KU	ASTM D562-10	105±5
Flash point	ISO 3679	21°C±2
Brightness (GU 60°C)	ASTM D523-14	Mat (0-20)
Thinner		It should be thinned with 5-10% Rapid Thinner.

Surface preparation

The applied surface should be cleaned of all kinds of dirt, oil, dust and loose layers and necessary surface correction works should be conducted. The best results are obtained on asphalt surfaces, it is not recommended to use a vacuum on concrete surfaces as the adhesion will be poor.

Ways to use

Roll Suitable. Attention should be paid to the application at the specified thickness.

Brush It is recommended for application on cuttings and small areas. Attention should be paid to the application at the specified thickness.

Spraying It should be applied by thinning with 5-8% rapid thinner.

Drying time

Drying time mainly depends on the weather conditions, the thickness of the applied layer, and the number of coats applied. The table below shows the approximate drying time of the paint depending on the air temperature.

- The area to be painted should be well-ventilated (open air or free air circulation).
- Paint should be applied at the recommended thickness.
- The thickness should be applied taking into account the number of applied layers.

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Touching drying	10 minutes
Dust-proof drying	15 minutes
Keeping distance between layers	15 minutes
Complete drying	15-20 minutes

The above information was determined by following the rules. Drying time may increase or decrease depending on film thickness, ventilation, surface painting system, painting operations, mechanical stability and amount of thinner added.

Storage conditions

Paint should be stored in a dry, cool, well-ventilated, covered warehouse that is heat and non-sparking, subject to area conditions. It should be mixed well before use. Containers should be tightly closed. Shelf life (at 23°C) - 24 months.

Packing form

It is produced in iron containers of 20 kg.

The implementing operator

This product is intended for professional use. The applicator or operator should be experienced and knowledgeable about the product. The mentioned person should mix and apply the paint according to the specification. Workers participating in the application should be provided with protective equipment.

Attention

The above information is compiled on the basis of the results obtained from laboratory testing and field applications. In applications not under the control of the company, the company is only responsible for the quality of the paint. The company is not responsible for problems that may arise due to implementation and application errors.

Health and safety regulations

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

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

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