

## ▶ ROAD MARKING PAINT

### Product Description

Dexon Road Marking paint is a quick drying, solvent based paint. Based on solvent based acrylic resin. It can be used for marking roads and Krebs. Easy to apply. It has UV resistant colors.

### Recommended Use

Dexon Road Marking paint is ideal for use on asphalt and concrete roads, primarily for curbstones, speed humps or other areas with light traffic

### Physical Properties

Color	White, Black, red and Yellow
Solids (vol %)*	36 ± 2 volume% Theoretical

### Surface Preparation

The substrate needs to be clean, dry, and free from contaminants like dust, oil, grease, and form release agents. It's advised to lightly sand the surface before applying and remove any resulting dust or loose particles.

### Film Thicknes & Spreading Rate

Specific Gravity: 1.2 Theoretical Only for white color

	Minimum	Maximum
- Film thickness, dry (µm) Film	30	70
- Film thickness, wet (µm)	100	200
- Theoretical spreading rate	9.20 m <sup>2</sup> /	4.1 m <sup>2</sup> /

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc. Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

### Application Data

Mixing ratio (volume)	Single pack.
DEXON Thinner	No. 7

### Application Methods

- Roller: Recommended method for overall application.
- Spray: Can be applied using airless spray or conventional spray.
- Brush: Recommended for painting corners and edges.
- Topcoat Road Marking Paint: 2 Coat



## Guiding Data for Airless Spray

Nozzle tip	0.01-0.021"
Spray angle degrees	55-70°
Pressure at nozzle	14 MPa (140 kg/cm <sup>2</sup> )

## Dilution

Maximum 10%

## Packaging Size

Packaging size 4 L and 18 L.

Packing may vary from country to country according to local requirements.

## Storage

- Store in accordance with national regulations.
- Keep containers in a dry, cool, well-ventilated space.
- Store away from sources of heat and ignition.
- Ensure containers are tightly closed.
- Handle with care.

## Drying Time

Drying times are influenced by factors such as air circulation, temperature, film thickness, and the number of coats applied. Recommended data pertains to recoating with the same generic type of paint. In multi-coat applications, drying times are affected by the number, sequence, and total thickness of previous coats. Prior to applying the subsequent coat, the surface must be dry and free from contamination.

Maintain a substrate temperature above 10°C, at least 3°C higher than the air dew point. Ensure good ventilation in confined areas for effective drying. Limit substrate moisture content to 4% (by weight). Avoid exposing the curing coating to oil, chemicals, or mechanical stress.

## Substrate Temperature

The drying time is measured by stated values:

	10°C	24°C	40°C
- Surface (touch) dry	20 min	10 min	7 min
- Hard dry	60 min	30 min	15 min
- Dry to over coat, minimum	120 min	60 min	30 min

## Handling

Contents from packaging with different batch numbers must be mixed together before use.

## Health & Safety

- Use in well-ventilated areas.
- Avoid inhalation and skin contact.
- Wear appropriate personal protective equipment.
- Keep away from sources of ignition.
- Store in a cool, dry place.
- Refer to the Material Safety Data Sheet for detailed information.
- Follow first-aid measures in case of exposure.
- Dispose of according to local regulations.
- Keep out of reach of children.
- Adhere to all relevant health and safety guidelines.