

Road Marking Paint

Product description

Type

This is a quick drying, solvent based paint. Based on solvent based acrylic resin.

Features and benefits

Can be used for marking roads and kerbs. Easy to apply. It has UV resistant colours.

Recommended use

Ideal for use on asphalt and concrete roads, primarily for kerbstones, speed humps or other areas with light traffic.

Substrate

Roads and kerbs

Product data

Packaging size	4 L and 20 L. Egypt : 25 kg Saudi : 4 L and 18 L
Colours	White, Black, red and Yellow.
Solids by volume	37 ± 2 volume% Theoretical
Specific gravity	1.2 Theoretical Only for white colour
VOC	584 g/l ISO 11890 EU
VOC comments	This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions.

Application data

The product can be applied by

Roller : Recommended.

Spray : Use airless spray or conventional spray.

Brush : Recommended to paint corners and edges.

Guiding data for airless spray

Nozzle tip	0.018–0.021"
Spray angle degrees	65–80°
Pressure at nozzle	15 MPa (150 kg/cm ²)

Cleaning of painting tools

Jotun Thinner No. 7

Film thickness per coat

Typical recommended range

Dry film thickness 40 - 80 µm

Wet film thickness 110 - 210 µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 9.25 - 4.5 m²/l

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.

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Dilution

Maximum 10 %

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °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

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

Topcoat

Road Marking Paint : 2 Coat

Remarks

Other systems may be specified, depending on area of use.

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

Please refer to the Decorative Sales Department for technical advice.

This product is available in: United Arab Emirates, Bahrain, Kuwait, Qatar, Saudi, Oman, Egypt and Libya

For reflective properties sprinkle Glass beads over wet paint.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Disclaimer

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Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.