

RAK Road Marking

Product description

RAK Road Marking paint based on specialty thermoplastic acrylic resin, weather and UV resistant. It is quick drying coating suitable on asphalt and concrete with non-bleeding effect. Good resistance to water, oils, abrasion and gasoline type substances.

Typical use

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

Colours

White, Yellow, Black and Red

Product data

| Property | Description |
|-----------------------|-------------|
| Gloss level (GU 60 °) | 20 -- 30 |
| Solids by Volume | 39 ± 2 % |
| Flash point | 27°C |
| Density | 1.26 kg/l |
| VOC-EU | 545 g/l |

The provided data is typical for factory produced products, subject to slight variation depending on colour.
All data is valid for mixed paint.
Gloss description: According to RAK Performance Coatings' definition.

Film thickness per coat

Typical recommended specification range

| | | | | |
|----------------------------|------|---|-----|-------------------|
| Dry film thickness | 40 | - | 80 | µm |
| Wet film thickness | 103 | - | 206 | µm |
| Theoretical spreading rate | 9.75 | - | 4.9 | m ² /l |

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.

RAK Road Marking

Application

Application methods

The product can be applied by

| | |
|---------|--|
| Roller: | Recommended |
| Spray: | Use conventional air spray or airless spray. |
| Brush: | Recommended only when area is not suitable for spray application |

Product mixing

Single Pack.

Thinner/Cleaning solvent

Thinner: RAK Acrylic Thinner

5-10% Max. thinner is recommended as per need.

Guiding data for Airless spray

| | | |
|-------------------------------|---|-------------------|
| Nozzle tip Size | : | 0.15 – 0.019 inch |
| Pressure at nozzle (minimum): | | 2000 psi |

Apply this product only if relative humidity is less than 85% and substrate temperature is minimum 10° C & above 3° C of the dew point

Drying and Curing time

| | |
|--------------------------|------------|
| Surface Dry | 10 Minutes |
| Tack free | 30 Minutes |
| Full Cure | Overnight |
| Recoating Time (Minimum) | 30 Minutes |

Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, 30° C temperature and at average of the DFT range for the product.

Pot Life

Single pack

RAK Road Marking

Paint System

Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product. Some examples are shown below. Contact RAK Paints for specific system recommendation.

Top Coat: RAK Road Marking paint – 2 Coats

Packaging (typical)

RAK Road Marking

3.6 L and 18 L

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.

Shelf life at 30 °C

RAK Road Marking

24 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Health and safety

During paint application, it is advisable to wear suitable protective guards (PPE). In case of accidental contact with eyes rinse immediately with plenty of water and seek medical advice. In case of inhalation- remove to fresh air, loosen collar and keep patient rested. Get medical treatment. For remove splashes from skin, use soap and water or approved skin cleanser. Flammable material always keeps away from sources of ignition and do not smoke. Ensure sufficient ventilation during application and drying. Do not breathe vapour/spray. Keep container tightly closed and keep out of reach of children. In case of fire - use foam, carbon dioxide or dry chemicals. For more information, refer MSDS.

Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact your local RAK Paints Representative, go to www.rakpaints.com or call +971-7-2444036.