

ROADLINE PAINT (REFLECTIVE)
Updated Oct'22


Roadline Paint (Reflective) is a synthetic resin for road markings (centrelines, edge lines, crosswalks, etc), **road kerbs, speed humps, cement and masonry surfaces**. It contains selected tiny glass spheres which reflect light back to the source effectively and thus make the markings under automotive headlight more visible to the driver at night. Roadline Paint (Reflective) is fast drying and has excellent abrasion resistance.

It is **NOT** recommended for airport runways, **taxiways and fresh asphalt**.

Product Features:

- Fast Drying
- Reflect Light at night make the marking more visible
- Excellent abrasion resistance
- Approved by SIRIM to Malaysian Standard MS 164:2007

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Solvent based	Exterior	Matt	Road Marking, Asphalt, Cement, Masonry Surface	5 Litres

Composition

Pigment	: Mainly Titanium Dioxide and Mineral Extenders
Binder	: Synthetic Resin
Thinner	: Hydrocarbon

Technical Data

Drying Time : Touch Dry : 5 –10 minutes
 : Hard Dry : 20 – 30
*Drying time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Roadline Thinner**.*

Recoating Time : **At least** 30 minutes
*Recoating time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Roadline Thinner**.*

**Important Note:*

Drying Time and recoating time are strongly depending on environment ventilation, paint thickness, environment temperature, environment humidity, number of coats applied, thinner used to dilute product and recoat materials. So drying time and recoating time provided is for guide only.

Dry Film Thickness	: 50 - 60 µm per coat (based on substrate condition)
No. of Coats	: 2 coats for new surface
Theoretical Coverage	: 9 - 11 m ² per litre (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 65 %
Shelf Life	: Up to 24 months in tight sealed container

Application Method

Brush / Roller : Where necessary, use 5% Roadline Thinner by volume.

Recommended Coating System

Primer / Sealer	: Not applicable	
Top Coat	: Roadline Paint (R)	: 2 Coats

Surface Preparation

Surfaces must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease, etc. Due to the variability of asphalt, newly laid bitumen based surfaces (up to six months old) will need to be sealed with a coat of emulsion paint (such as Roadliner 268 White), in order to prevent bleeding. A test area is recommended before work is commenced.

Cleaning

Clean up equipment with thinner immediately after use.

Safety Precautions

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.

Note

* Theoretical Coverage is based on a mathematical formula

$$\left[\frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$$

and does not consider LOSS FACTORS.

Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

The above information is given to the best of our knowledge based on laboratory tests and practical experience.

However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.

We reserve the right to alter the given without prior notice.