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NIPPON ROADLINE PAINT (REFLECTIVE)

Product Description:

Nippon Roadline Paint (Reflective) is an alkyd/chlorinated rubber based paint for road markings like centrelines, edge lines, crosswalks, etc. 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. Nippon Roadline Paint (Reflective) is fast drying, has excellent resistance to bitumen bleed through and excellent abrasion resistance. It is not recommended for airport runways & taxiways, cement and masonry surfaces.

Recommended Uses:

For road markings.

Standard / Independent Body Approval:

Approved by SIRIM to Malaysian Standard MS 164 : 1991

Composition:

Pigments	: Mainly Titanium Dioxide and Mineral Extenders
Binder	: Alkyd / Chlorinated Rubber Base
Thinner	: Hydrocarbon

Properties:

Colour	: White, Yellow and Black
Texture	: Matt but reflective under light

Recommended no. of coats : 1 – 2 coats for new surface

Recommended Dry Film Thickness Per Coat : 50 – 60 µm

Drying Time at 25°C – 30°C

Touch Dry : 5 – 10 minutes
Hard Dry : 20 – 30 minutes

Recoating Interval at 25°C – 30°C : 20 – 30 minutes

Theoretical Coverage at Recommended Dry Film Thickness of 55-60 Microns : Approximately 9 m² per litre
(Actual coverage is dependent on substrate condition.)*

Application Methods:

Brush / Roller : Where necessary, use 5% thinner by volume for application by brush and roller.

Clean Up : Clean up equipment with thinner immediately after use.

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, in order to prevent bleeding. A test area is recommended before work is commenced.

Standard Packing : 5 litres

Safety, Health and Environmental Information:

Keep container tightly closed and keep out of reach of 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 Environmental Quality Regulations.

Note:

* Theoretical Coverage is based on a mathematical formula

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

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 data without prior notice.