



NIPPON 9000 ALUMINIUM PAINT

Product Description:

This is a ready-mixed aluminium paint which gives a lustrous finish with good durability and protective property.

Recommended Uses:

For decoration and protection of both interior and exterior of iron and steel surfaces.

Standard / Independent Body Approval:

Approved by SIRIM to Malaysian Standard MS 289 : 1987

Composition:

Pigments	: Aluminium
Binder	: Linseed oil / Modified phenolic resin
Thinner	: Aromatic hydrocarbon

Properties:

Colour	: Aluminium
Appearance	: Metallic aluminium lustre

Recommended no. of coats : 1 – 2 coats

Recommended Dry Film Thickness Per Coat : 25 - 30 µm

Drying Time

Touch Dry : 30 minutes
Hard Dry : 8 hours

Recoating Interval : 8 hours

Theoretical Coverage at Recommended Dry Film Thickness : 15 - 18m² per litre
(Actual coverage is dependent on substrate condition.) *

Application Methods:

- | | |
|----------------------------------|---|
| 1) Brush / Roller | : The paint is ready for use after thorough stirring. |
| 2) Conventional Air Spray | : The paint is ready for use after thorough stirring. If necessary, dilute with 5% of Nippon General Purpose Thinner. |

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

Surface Preparation:

METAL

Surface must be dry and free from dirt, grease and other contaminants. Ferrous substrates should be sanded or wire-brushed to remove millscalls and rust. Clean off dust and dry.

Previously Painted Surfaces

Any loose and flaking paint film must be scraped off. Defective areas should be sanded and smoothed, and in case of ferrous substrates, rust should be thoroughly removed. The entire surface must finally be dry and clean of dirt, grease and other contaminants. The scraped areas should be spot-primed with a primer.

Recommended Paint System

Type of Substrate:

FOR STEEL AND IRON

Sequence	Product Name	No. of Coats
Primer	NIPPON RED OXIDE PRIMER / NIPPON ZINC CHROMATE PRIMER	1 - 2
Finish	NIPPON 9000 ALUMINIUM PAINT	2

Standard Packing : 1 litre, 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

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

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 data without prior notice.