



NIPPON 9000 UNDERCOAT

Product Description:

Nippon 9000 Undercoat is an oil-modified alkyd based undercoat with non added lead and mercury and gives good hiding and build. It provides a sound foundation for Nippon 9000 Gloss Finish and Nippon Q-Lac Gloss Finish.

Recommended Uses:

For use on primed metal, woodwork and previously painted surfaces prior to painting Nippon 9000 Gloss Finish or Nippon Q-Lac Gloss Finish.

Standard / Independent Body Approval:

Approved by SIRIM to Malaysian Standard MS 132 : 1993

Composition:

Pigments : Titanium Dioxide and Mineral Extenders
Binder : Soya Bean Oil modified Long Oil Alkyd
Solvent : White Spirit

Properties:

Colour : White
Appearance : Matt

Recommended no. of coats : 1 coat

Recommended Dry Film Thickness Per Coat : 30 - 35 μm

Drying Time
Touch Dry : 30 minutes
Hard Dry : 6 hours

Recoating Interval : 8 hours

Theoretical Coverage at Recommended Dry Film Thickness : 15 - 17m² per litre
(Actual coverage is dependent on substrate condition.) *

Application Methods:

- 1) Brush / Roller** : The paint is ready for use after thorough stirring. If necessary, thin down with 5% of Nippon General Purpose Thinner.
- 2) Conventional Air Spray** : Dilute the paint with 15% - 20% of Nippon General Purpose Thinner.
- 3) Airless Spray** : The paint is ready for use after thorough stirring.
- Clean Up** : Clean up equipment with thinner immediately after use.

Surface Preparation:

WOOD

Wood must be dry and free from dirt, grease and other contaminants. Smoothen surface with sandpaper and then clean off and dry.

METAL

Surface must be dry and free from dirt, grease and other contaminants. Ferrous substrate 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 using a primer for metal.

Recommended Paint System

Type of Substrate:

FOR WOOD

Sequence	Product Name	No. of Coats
Primer	NIPPON 9000 ALUMINIUM WOOD PRIMER	1
Undercoat	NIPPON 9000 UNDERCOAT	1
Finish	NIPPON 9000 GLOSS FINISH / NIPPON Q-LAC GLOSS FINISH	2

FOR STEEL AND IRON

Sequence	Product Name	No. of Coats
Primer	NIPPON RED OXIDE PRIMER / NIPPON ZINC CHROMATE PRIMER	1 - 2
Undercoat	NIPPON 9000 UNDERCOAT	1
Finish	NIPPON 9000 GLOSS FINISH / NIPPON Q-LAC GLOSS FINISH	2

FOR ALUMINIUM AND GALVANIZED IRON		
Sequence	Product Name	No. of Coats
Etching Primer	NIPPON ETCHING PRIMER 120 / NIPPON GALVAPRIMER	1
Primer	NIPPON RED OXIDE PRIMER / NIPPON ZINC CHROMATE PRIMER	1 - 2
Undercoat	NIPPON 9000 UNDERCOAT	1
Finish	NIPPON 9000 GLOSS FINISH / NIPPON Q-LAC GLOSS FINISH	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

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

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.