



NIPPON TIMBERSHADE *External / Internal Emulsion*

Product Description:

Nippon Timbershade is an acrylic water based paint with non-added lead and mercury which is specially formulated for internal and external wooden and galvanised iron surfaces.

Recommended Uses:

For the decoration and protection of both interior and exterior wood and galvanised iron surfaces.

Composition:

Pigments	: Mainly titanium dioxide, iron oxides, carbon black, organic pigments and mineral extender
Binder	: Pure acrylic emulsion
Thinner	: Water

Properties:

Colour	: A wide range of colours. Please refer colour card.
Appearance	: Low sheen

Recommended no. of coats : 2 coats

Recommended Dry Film Thickness Per Coat : Around 30 µm (Dependent on the substrate condition)

Drying Time
Touch Dry : 15 - 20 minutes. Dependent on temperature and humidity
Hard Dry : 45 - 60 minutes

Recoating Interval : 2 - 3 hours

Theoretical Coverage at Recommended Dry Film Thickness : 10 - 12m² 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 with 5% water.
- 2) **Conventional Air Spray** : Dilute the paint with 20% water.
- 3) **Airless Spray** : Dilute the paint with 5% water for the 1st and 2nd coats.
- Clean Up** : Clean up equipment with water 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.

GALVANISED IRON

Surface must be dry and free from dirt, grease and other contaminants.

Previously Painted Surfaces

Any loose and flaking paint film must be scrapped off. Defective areas should be sanded and smoothed. The entire surface must finally be dry and clean of dirt, grease and other contaminants.

Recommended Paint System

For Wood Surface

Sequence	Product Name	No. of Coats	Remarks
Finish	NIPPON TIMBERSHADE	2	A coat of Nippon Economy Undercoat is recommended to further improve on the finishing appearance.

For Galvanised Iron Surface

Sequence	Product Name	No. of Coats	Remarks
Finish	NIPPON TIMBERSHADE	2	NP Etching Primer 120 is recommended to further improve the adhesion to the substrate.

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.