

TIMBER FINISH
Updated Aug'25


Timber Finish is a **translucent pigmented varnish** formulated with a **modified flexible long oil alkyd**, engineered to bring out the **natural elegance of wood grains** while delivering powerful protection. Unlike conventional exterior wood coatings that often mask or dull wood's beauty, Timber Finish enhances it with clarity, durability, and long-term defence.

***Remark: For Timber Finish Clear Base, T/Red Base and T/Yellow Base after tint colourant must use within 3 months.**

Product Features:

- **High Transparency**
Delivers high-definition transparency that brings out the natural beauty of wood grains, delivering a more natural and premium finish.
- **Fungus Resistance**
Formulated with preservative technology that protects against mould and wood rot, ensuring your wood remains cleaner and healthier over time.
- **UV Resistance**
Shields wood surfaces from harmful ultraviolet rays, minimising fading and maintaining colour depth for longer durations — especially under direct sun exposure.
- **Weathering Resistance**
Provides long-term protection against Malaysia's hot and humid climate, including rain, heat, and temperature fluctuations.
- **Flexible Film**
The elastic formulation accommodates wood movement, helping to prevent unsightly cracks and film damage over time.
- **Prevent Water Penetration**
Helps to block moisture from seeping into wood surfaces, an essential layer of defence to extend timber life.

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Solvent based	Interior & Exterior	Gloss	Wood	1 Litre, 5 Litres

Composition

Pigment	: Transparent Iron Oxide
Binder	: Modified Flexible Long Oil Alkyd
Thinner	: White Spirit

Technical Data

Drying Time	: Touch Dry : 2 - 3 hours : Hard Dry : 4 - 5 hours <i>Drying time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with Nippon Paint General Purpose Thinner.</i>
Recoating Time	: 8 hours <i>Recoating time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with Nippon Paint General Purpose Thinner.</i>

***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	: 25 - 30 µm per coat (based on substrate condition)
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Thickness of paint film will affect glossiness of coating. Thicker the paint film, glossy the coating.	
No. of Coats	: 2 – 3 coats
Theoretical Coverage	: 10 – 12 m ² per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 44%
Shelf Life	: Up to 36 months in tight sealed container

Application Method

Brush / Roller	: The paint is ready for use after thorough stirring. Dilute the paint with 5% - 10% of Nippon Paint General Purpose Thinner, if necessary. Recommend to use Nippon Paint Synthetic Brush or Nippon WB 4 Inch Roller for application.
Conventional Air Spray	: Dilute the paint with 5% - 10% of Nippon Paint General Purpose Thinner, if necessary.

Recommended Coating System

Sealer / Primer	: Not applicable	
Top Coat	: Timber Finish (Finish colour could vary depending on type and colour of the wood being applied. Thicker paint film will also give a darker colour.)	: 2 - 3 Coats

Surface Preparation

Remove all unstable paint film, dust, oil, wax and other foreign matters. Sanding and smoothen the surface to be painted using Grade #80 or #100 sand paper. Sanding is important, this is to enhance paint adhesion on painted surface. If necessary, fill the wood grains with appropriate filler and then smoothen with sand paper. Ensure that the surface is clean, dry and free from wax before applying the first coat. Allow the paint to dry before applying the subsequent coat(s). Should fibre be observed, dry sand lightly before subsequent coating(s) for better finishing.

Cleaning

Clean up equipment with thinner immediately after use.

Tests

1. **ASTM D 3359** on Standard Test Methods for Measuring Adhesion by Tape Test, tested in-house

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.

Disclaimer

The information contained in this document is provided to the best of Nippon Paint's knowledge, based on laboratory testing and practical experience. As our products are considered semi-finished goods, their performance may be influenced by conditions beyond Nippon Paint's control. As such, we can only guarantee the quality of the product itself. Minor variations may be introduced to comply with local regulations. Nippon Paint reserves the right to modify the information in this document without prior notice.

Users are encouraged to consult Nippon Paint for specific guidance on the suitability of this product for their intended use and application method.

In case of discrepancies between language versions, the English (United Kingdom) version shall prevail.