TIMBER FINISH

Updated Feb'20

Timber Finish is a translucent pigmented varnish based on Modified Flexible Long Oil Alkyd which provides colour to wood surfaces, highlighting the natural wood grains. It is durable, flexible, water resistant and contains preservatives for protection of all timber surfaces against wood rot and mould growth.

***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
- Fungus Resistance
- UV Resistance
- Weathering Resistance
- Flexible
- Prevent water penetration

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
*Drying time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Nippon General Purpose Thinner.***

Recoating Time : 8 hours
*Recoating time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Nippon General Purpose Thinner**.*

**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)
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 General Purpose Thinner, if necessary. Recommend to use Nippon Synthetic Brush or Nippon WB 4 Inch Roller for application.
Conventional Air Spray : Dilute the paint with 5% - 10% of Nippon General Purpose Thinner, if necessary.

Recommended Coating System

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

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.

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

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

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 without prior notice.