

1 PACK PU TIMBERCOAT
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1 Pack PU Timbercoat is an air drying type of polyurethane which does not require any addition of hardener. It dries rapidly to an extremely durable and flexible gloss/semi-gloss finish for wood surface. It provides color to wood surfaces and highlighting the natural wood grains. It will not crack, peel or blister by exposure to weather.

Product Features:

- High Transparency
- Fungus Resistance
- Anti-Scratch
- Weathering Resistance
- Flexible
- Prevent Water Penetration

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

Composition

Pigment	: Transparent Iron Oxide
Binder	: Alkyd modified polyurethane
Thinner	: Nippon General Purpose Thinner
Solvent	: White Spirit

Technical Data

Drying Time	: Touch Dry : 30 minutes (Dependent on temperature and humidity)
	: Hard Dry : 4 hours (Dependent on temperature and humidity)
Recoating Time	: 4 hours (Dependent on temperature and humidity)
Dry Film Thickness	: Around 20 - 30 µm per coat (based on substrate condition)
No. of Coats	: 2 - 3 coat
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	: ~ 51%
Shelf Life	: Up to 36 months in tight sealed container

Application Method

Brush / Roller	: The paint is ready for use after thorough stirring.
Conventional Air Spray	: Dilute the paint with 5% - 10% of thinner, if necessary.

Recommended Coating System

Sealer / Primer	: Not applicable	
Top Coat	: 1 Pack PU Timbercoat	: 2 - 3 coats

Surface Preparation

Remove all unstable paint film, dust, oil, wax and other foreign matters. Smoothen the surface to be painted using floor sander or sand paper of Grade #80 or #100. If necessary, fill wood grain 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).

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 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.

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.