

ODOURLITE GLOSS
Updated July'25


Odourlite Gloss Finish is a low odour, oil-modified alkyd enamel designed to deliver long-lasting gloss, superior protection, and an easier painting experience. Its advanced formulation ensures professional results on both wood and metal surfaces, indoors and outdoors.

Product Features:

- **Comfortable Application Experience**
Low odour formulation reduces paint fumes, making it more pleasant to apply in enclosed spaces such as homes, offices and commercial areas
- **Reliable Fungus Resistance**
Inhibits the growth of surface fungi, ensuring painted surfaces stay cleaner and more hygienic in humid or shaded areas
- **Built-In Rust Protection**
Effectively shields metal substrates from corrosion, making it ideal for gates, grills, doors and other exposed metal surfaces
- **Long-Lasting Mirror Gloss Finish**
Creates a high gloss finish that delivers a smooth, reflective surface with strong colour retention and durability

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

Composition

| | |
|---------|--|
| Pigment | : Mainly Titanium Dioxide, Iron Oxide, Carbon Black, Organic Pigments and Mineral Extender |
| Binder | : Modified long oil alkyd |
| Thinner | : Low aromatic Hydrocarbon |

Technical Data

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|---|--|
| Drying Time | : Touch Dry : 2 hours : Hard Dry : 8 hours <i>Drying time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with Odourlite thinner.</i> |
| Recoating Time | : Overnight <i>Recoating time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with Odourlite thinner.</i> |
| *Important Note: <i>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.</i> | |
| Dry Film Thickness | : 30 – 35 µm per coat (based on substrate condition) |
| No. of Coats | : 2 coats |
| Theoretical Coverage | : 9 – 11 m ² per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance) |
| Volume Solid | : ~ 57 % |
| Shelf Life | : Up to 36 months in tight sealed container |

Application Method

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

Recommended Coating System

Wood

| | | |
|-----------------|------------------------------|-----------|
| Primer / Sealer | : 9000 Aluminium Wood Primer | : 1 coat |
| Undercoat | : Odourlite Undercoat | : 1 Coat |
| Top Coat | : Odourlite Gloss Finish | : 2 Coats |

Metal

| | | |
|-----------------|--|-----------|
| Primer / Sealer | : Red Oxide Primer / Zinc Phosphate Primer | : 1 coat |
| Undercoat | : Odourlite Undercoat | : 1 coat |
| Top coat | : Odourlite Gloss Finish | : 2 coats |

Aluminium / Galvanized Iron

| | | |
|-----------------|--|-----------|
| Etching Primer | : Etching Primer 120 / Galvaprimmer | : 1 coat |
| Sealer / Primer | : Red Oxide Primer / Zinc Phosphate Primer | : 1 coat |
| Undercoat | : Odourlite Undercoat | : 1 coat |
| Top Coat | : Odourlite Gloss Finish | : 2 coats |

Surface Preparation

Wood

Surface must be dry and free from dirt, grease and other contaminants. Smoothen surface with sandpaper and then clean off and dry. The scraped areas should be spot-primed using an undercoat for wood surfaces.

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. The scraped areas should be spot-primed using a primer for metal.

Cleaning

Clean up equipment with thinner immediately after use.

Tests

1. **MS125:1995** on Specification for Gloss Enamel Paint
2. **ASTM G154*** on QUV-A on Colour Retention Resistance, tested in-house
3. **ASTM D 3359** on Standard Test Methods for Measuring Adhesion by Tape Test, tested in-house
4. **ASTM D 3363** on Standard Test Methods for Film Hardness by Pencil 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

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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.