

PLATONE HIGH GLOSS
Updated Apr'23


Platone High Gloss is an oil-modified alkyd enamel paint. It is easy to apply and forms a smooth, tough paint film which has excellent high gloss, fungus resistance and durability.

Product Features:

- Fast Drying
- Wide range of colours for vibrant finishes
- Excellent high gloss
- Durable and tough paint film
- Fungus Resistant
- Non-added lead or mercury

| 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 Oxides, Carbon Black, Organic Pigments |
| Binder | : Soya Bean Oil Modified Alkyd |
| Thinner | : White Spirit |

Technical Data

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|----------------|--|
| Drying Time | : Touch Dry : 1 hours : Hard Dry : 3 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 | : 3 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:**

Products that are tinted using CC machine takes a longer drying time (touch dry:2 hours, hard dry:8 hours) and recoating time (24 hours). Data shown above is solely for in-plant ready mix batches.

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 | : 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 | : ~ 55% |
| 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. If necessary, thin with 5% of Nippon Paint General Purpose Thinner. |
| Conventional Air Spray | : Dilute the paint with 15% of Nippon Paint General Purpose Thinner. |
| Airless Spray | : The paint is ready for use after thorough stirring. |

Recommended Coating System
Wood

| | | |
|-----------|----------------------|-----------|
| Undercoat | : Economy Undercoat | : 1 Coat |
| Top Coat | : Platone High Gloss | : 2 Coats |

Metal

| | | |
|-----------------|----------------------|-----------|
| Primer / Sealer | : Red Oxide Primer | : 1 Coat |
| Undercoat | : Economy Undercoat | : 1 Coat |
| Top Coat | : Platone High Gloss | : 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 mill scales 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.

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.

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.