



NIPPON METALLIC PAINT

Solvent Based exterior and interior coating

Product Description:

Nippon Metallic Paint is a thermoplastic-acrylic solvent-based paint which can be applied onto masonry wall, wood, and also metal to provide a metallic effect finish. It is formulated for easy application, by roller and brush providing a uniform distribution of metallic pigment across the substrate, giving a smooth finish.

Recommended Uses:

For the decoration and protection of masonry, wood and metal surfaces. It is recommended to paint on a smaller areas to achieve best results. It is also suitable to be used as topcoat for textured intermediate coating such as Tilelac SandStone Finish.

Composition:

| | | |
|-----------------|---|--|
| Pigments | : | Mainly Aluminium pigment, carbon black, iron oxide and organic pigment |
| Binder | : | Thermoplastic Acrylic resin |
| Thinner | : | Combination of Ketone and Hydrocarbon |

Properties:

| | | |
|-------------------|---|------------------------------|
| Colour | : | Please refer to colour card. |
| Appearance | : | Gloss Metallic Effect |

| | | |
|---|---|--|
| Recommended no. of coats | : | Minimum 2 coats |
| Recommended Dry Film Thickness Per Coat | : | Around 30 - 35 μm (Actual thickness per coat is based on substrate condition) |
| Drying Time | : | |
| Touch Dry | : | 15 minutes |
| Hard Dry | : | 45 minutes |
| Recoating Interval | : | 2 hours |
| Theoretical Coverage at Recommended Dry Film Thickness | : | 9 - 11.0m ² per litre (Actual coverage is dependent on substrate condition.) * |

Application Methods:

Stir well before apply as the in-can appearance of the product is in thixotropic form

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|----------------------------------|---|---|
| 1) Brush / Roller | : | The paint is ready to apply. If necessary, dilute with NIPPON ACRYLIC 3000 THINNER. |
| 2) Conventional Air Spray | : | Dilute the paint with NIPPON ACRYLIC 3000 THINNER if necessary |

| | | |
|-----------------|---|--|
| Clean Up | : | Clean up equipment with solvent-based thinner immediately after use. |
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Surface Preparation:

Remove all loose, defective paint or powdery residues by wire brushing, scraping or high pressure water jet. Treat any areas affected by fungus growth with Nippon Fungicidal Wash Solution. Repair cracks, uneven surfaces with Nippon Multi-Purpose Joint Compound or suitable fillers. Smoothen the putty / filler areas with sandpaper. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH9.)

Previously Painted Surfaces

Remove all unstable paint film, loose chalk, dust and foreign matter. Make good any surface defects, clean off and dry. Spot prime with NIPPON HYDRO PRIMER and NIPPON AQUATEC 19000 RED OXIDE PRIMER

Recommended Paint System for new and repainting surface**Type of Substrate:**

FOR WOOD

| Sequence | Product Name | No. of Coats |
|----------|-----------------------|--------------|
| Sealer | NIPPON HYDRO PRIMER | 1 |
| Finish | NIPPON METALLIC PAINT | 2 |

Type of Substrate:

FOR METAL

| Sequence | Product Name | No. of Coats |
|----------|---------------------------------|--------------|
| Sealer | NIPPON AQUATEC RED OXIDE PRIMER | 1 |
| Finish | NIPPON METALLIC PAINT | 2 |

Type of Substrate:

FOR MASONRY

| Sequence | Product Name | No. of Coats |
|----------|---|--------------|
| Sealer | NIPPON HYDRO PRIMER / NIPPON VL 5200 WALL SEALER / NIPPON VL 5400 WALL SEALER | 1 |
| Finish | NIPPON METALLIC PAINT | 2 |

Standard Packing : 1 litres & 5 litres

Safety, Health and Environmental Information:

Keep container tightly closed and keep out of reach of 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 Environmental Quality Regulations.

Note:

* Theoretical Coverage is based on a mathematical formula

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

The dry paint film thickness and actual coverage does not consider LOSS FACTORS.
Variables like porosity of substrate, application method, dilution ratio, 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 data without prior notice.