METALLIC PAINT

Updated July'21

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.

**** Remark: Metallic Paint is recommended for area less than 4m².***

Product Features:

- Easy to apply
- Fast dry
- Smooth metallic finish

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Solvent based	Interior & Exterior	Gloss Metallic Effect	Masonry, wood & metal	1 Litre, 5 Litres

Composition

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

Technical Data

Drying Time : Touch Dry : 15 minutes
: Hard Dry : 45 minutes
*Drying time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Acrylic 3000 Thinner**.*

Recoating Time : 2 hours
*Recoating time above is based on temperature 28 – 32 °C, humidity 70 – 80% and 5% dilution with **Acrylic 3000 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	: Around 35 - 40 µm (Actual thickness per coat is based on substrate condition)
No. of Coats	: 2 coats minimum
Theoretical Coverage	: 6 – 9 m^2 per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 30%
Shelf Life	: Up to 36 months in tight sealed container

Application Method

Brush / Roller	: The paint is ready to apply. If necessary, dilute with Acrylic 3000 Thinner.
Conventional Air Spray	: Dilute the paint with Acrylic 3000 Thinner if necessary

Recommended Coating System

New Substrate

Wood

Sealer / Primer	: Hydro Wood and Metal Primer	: 1 Coat
Top Coat	: Metallic Paint	: 2 Coats

Metal

Sealer / Primer	: Hydro Wood and Metal Primer / 8048 Zinc Phosphate Primer	: 1 Coat
Top Coat	: Metallic Paint	: 2 Coats

Masonry

Sealer / Primer	: 5200 Wall Sealer / 5400 Wall Sealer	: 1 Coat
Top Coat	: Metallic Paint	: 2 Coats

Re-painting Substrate

Wood / Metal

Sealer / Primer	: 8048 Off White	: 1 Coat
Top Coat	: Metallic Paint	: 2 Coats

Masonry

Sealer / Primer	: 5400 Wall Sealer	: 1 Coat
Top Coat	: Metallic Paint	: 2 Coats

Surface Preparation

Remove all loose, defective paint or powdery residues, loose chalk, dust and foreign matter. Repair cracks, uneven surfaces with Multi-purpose Joint Compound or suitable fillers. Smoothen the putty / filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. 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.) Spot prime with Hydro Primer and Aquatec 1900 Red Oxide Primer.

Cleaning

Clean up equipment with solvent-based 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.